

Warming Trend this Week



Photo Courtesy of Dennis O'Hara

Today



Highs:
0° to 8°

Tuesday



Highs:
11° to 14°

Wednesday



Highs:
17° to 22°

Thursday



Highs:
27° to 30°

Friday



Highs:
25° to 30°

Saturday



Highs:
26° to 32°



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| Updated: 1/12/2015 4:43 AM Central

Cold through Monday, Warming Trend Coming



Photo Courtesy of Gary Jackson

Today



Highs:
2° to 11°

Sunday



Highs:
2° to 11°

Monday



Highs:
0° to 8°

Tuesday



Highs:
11° to 14°

Wednesday



Highs:
18° to 22°

Thursday



Highs:
23° to 27°



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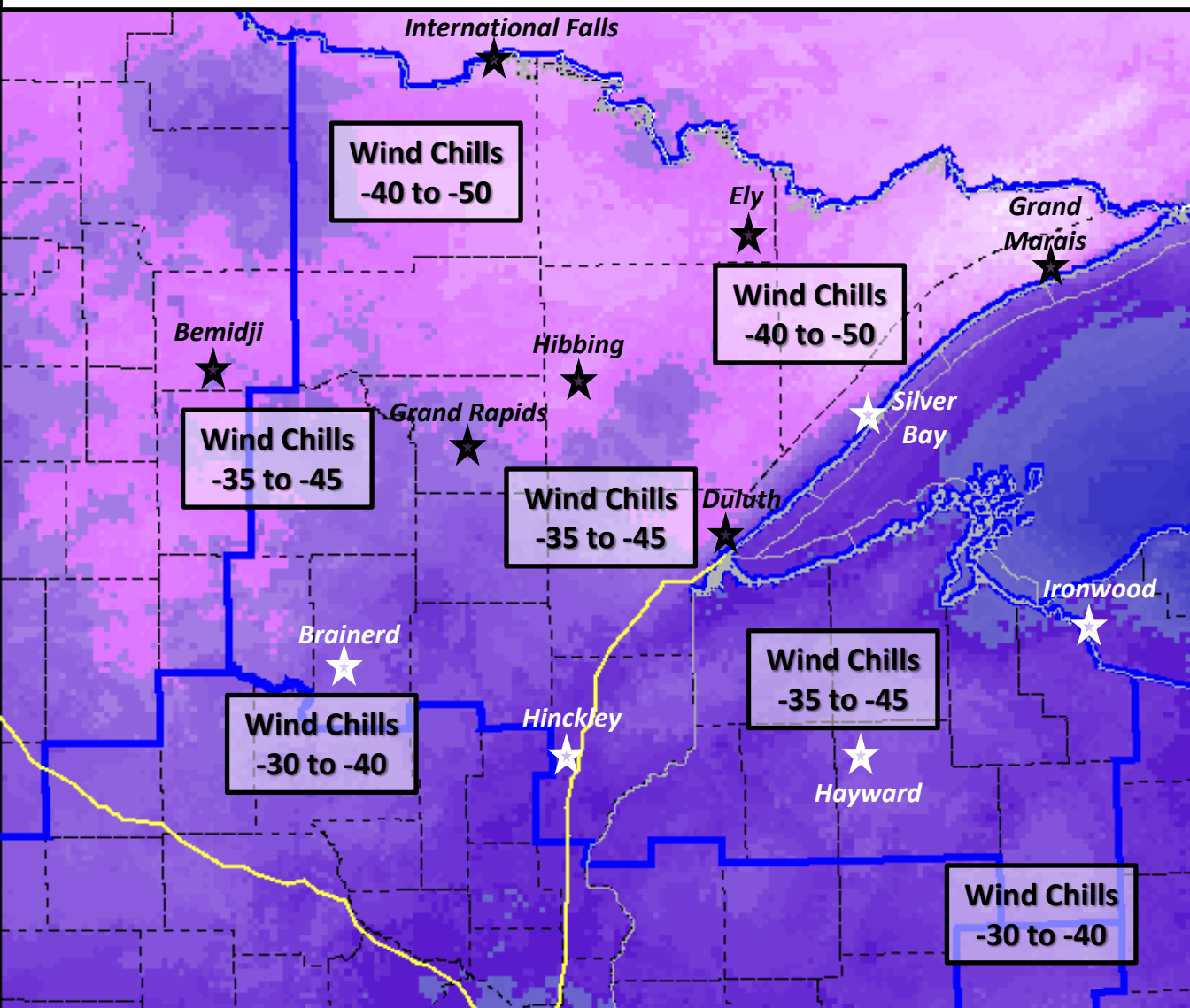


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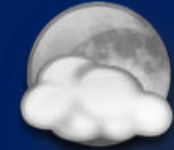
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Brutally Cold Tonight and Wed Morning

Wind Chills Tonight & Wed Morning



Tonight

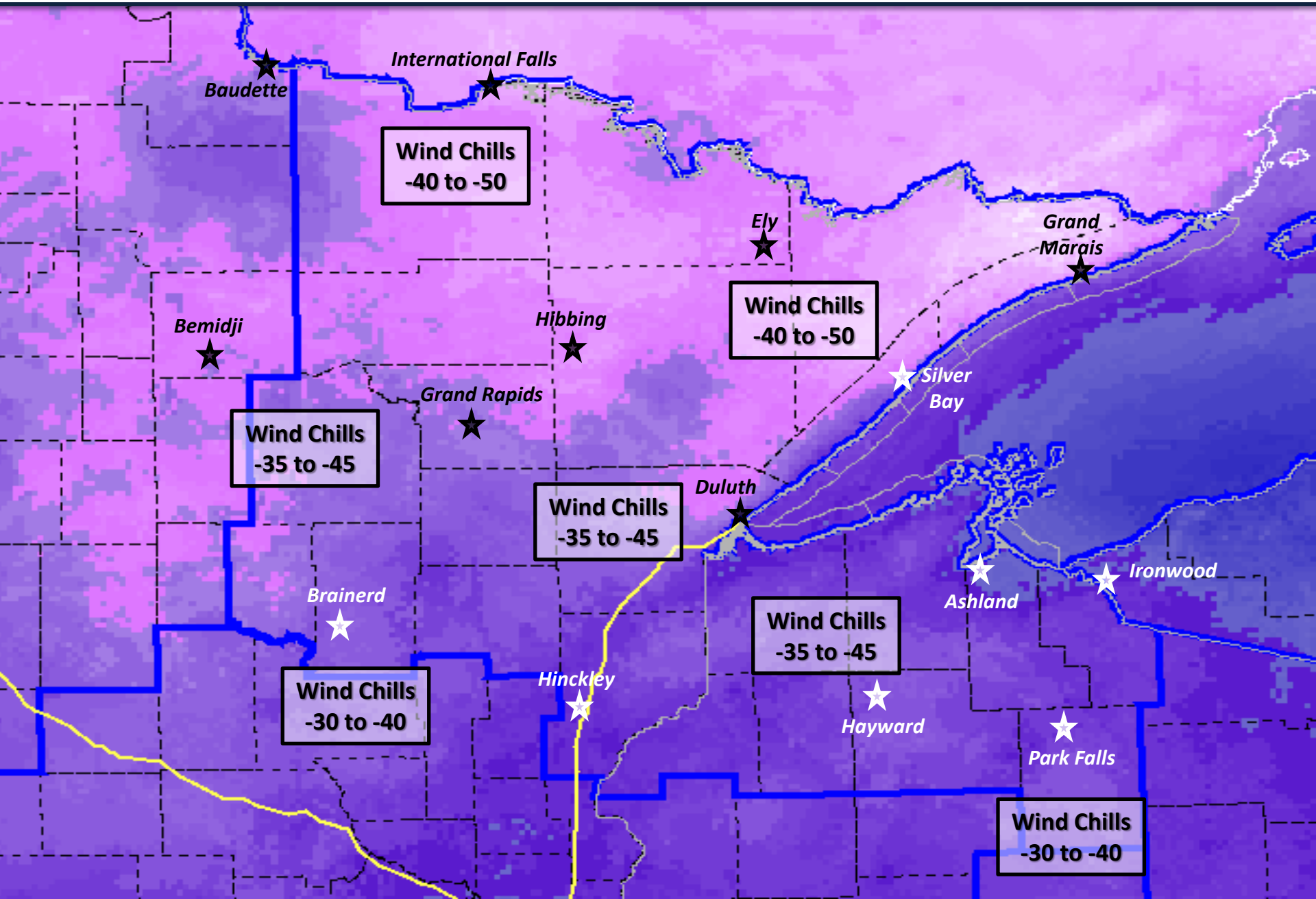


Lows: -15° to -30°

Wind Chills:
 -35° to -50°

- Conditions will slowly improve after sunrise Wednesday morning.
- Rest of the week looks cold.
- Light coating of 1" to 2" of snow Thursday.
- Milder weather could return early next week.

Brutal Wind Chills Tonight & Wed Morning



Dangerously Cold Tonight and Monday Morning

Tonight



Lows: -20° to -30°

Monday



Highs: -5° to 0°

*Wind Chills: 35 to 50 below zero
tonight & early Monday*

Courtesy of Jim Peacock



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Cold This Week



Photo by Peg Sutherland



• This Afternoon

- Highs -5 to 5 F
- Wind Chills
 - -10 to -25



• Tonight

- Lows -5 to -15 F
- Wind Chills
 - -25 to -35

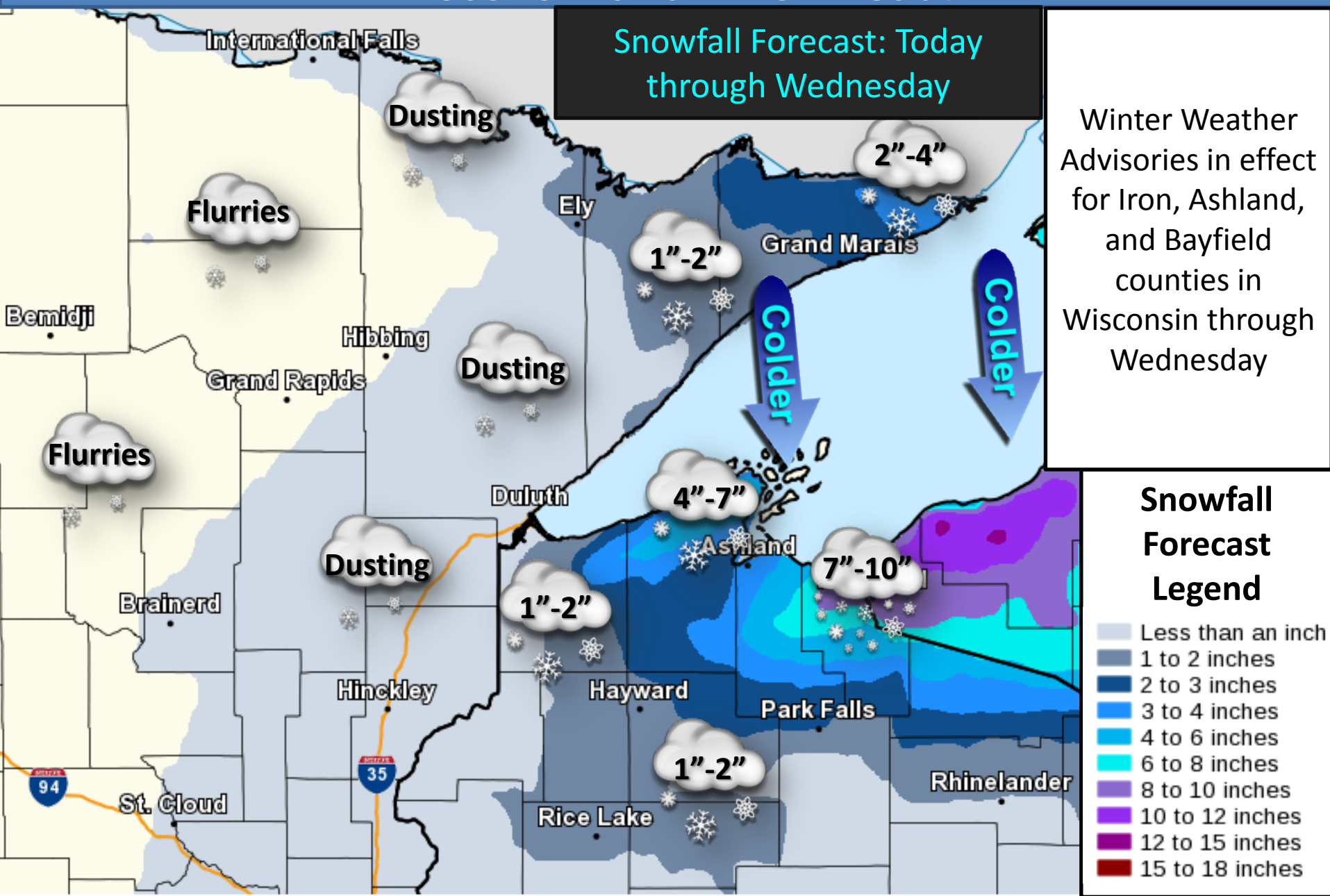


• Wednesday

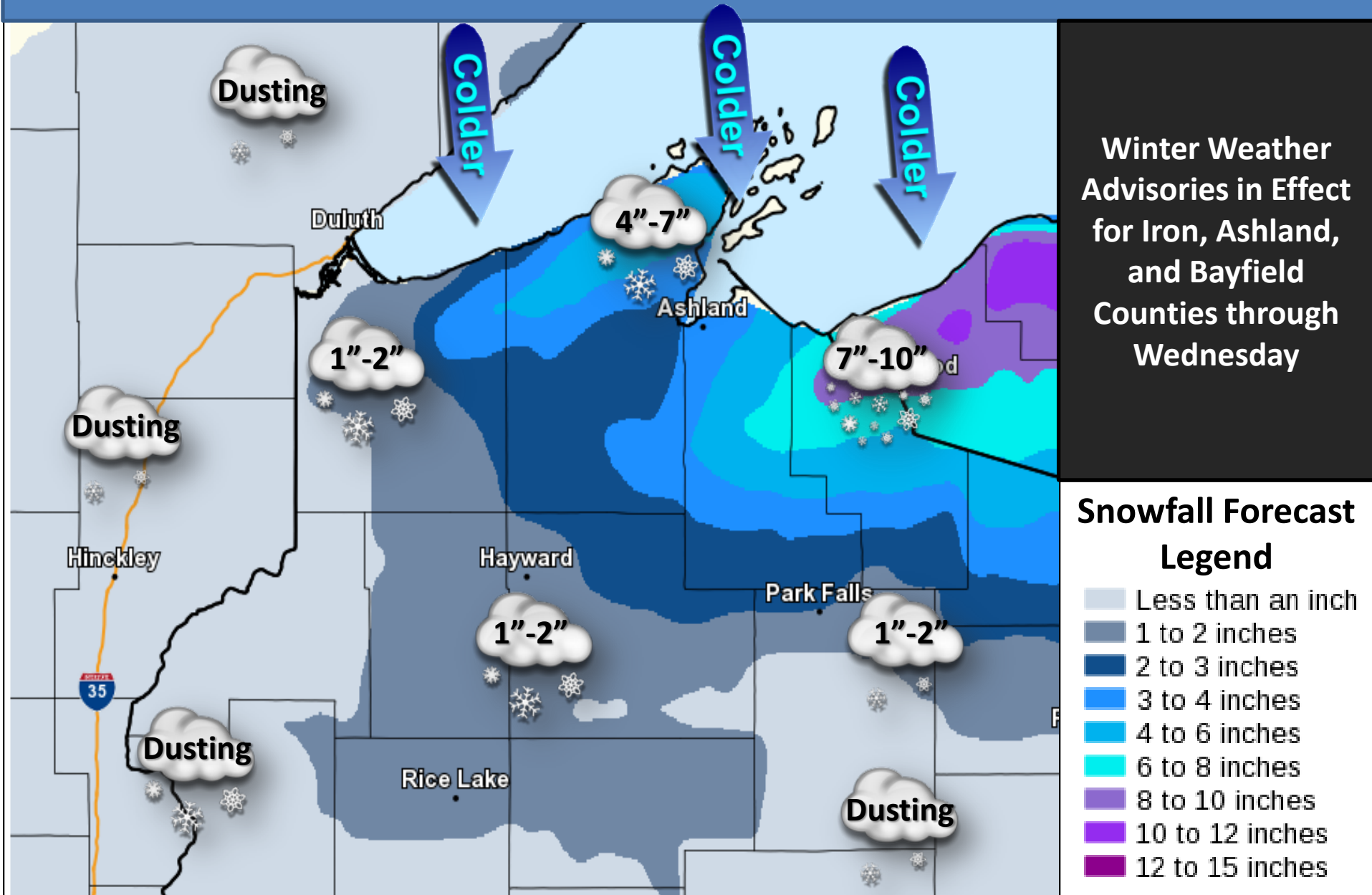
- Highs 10 to 15 F



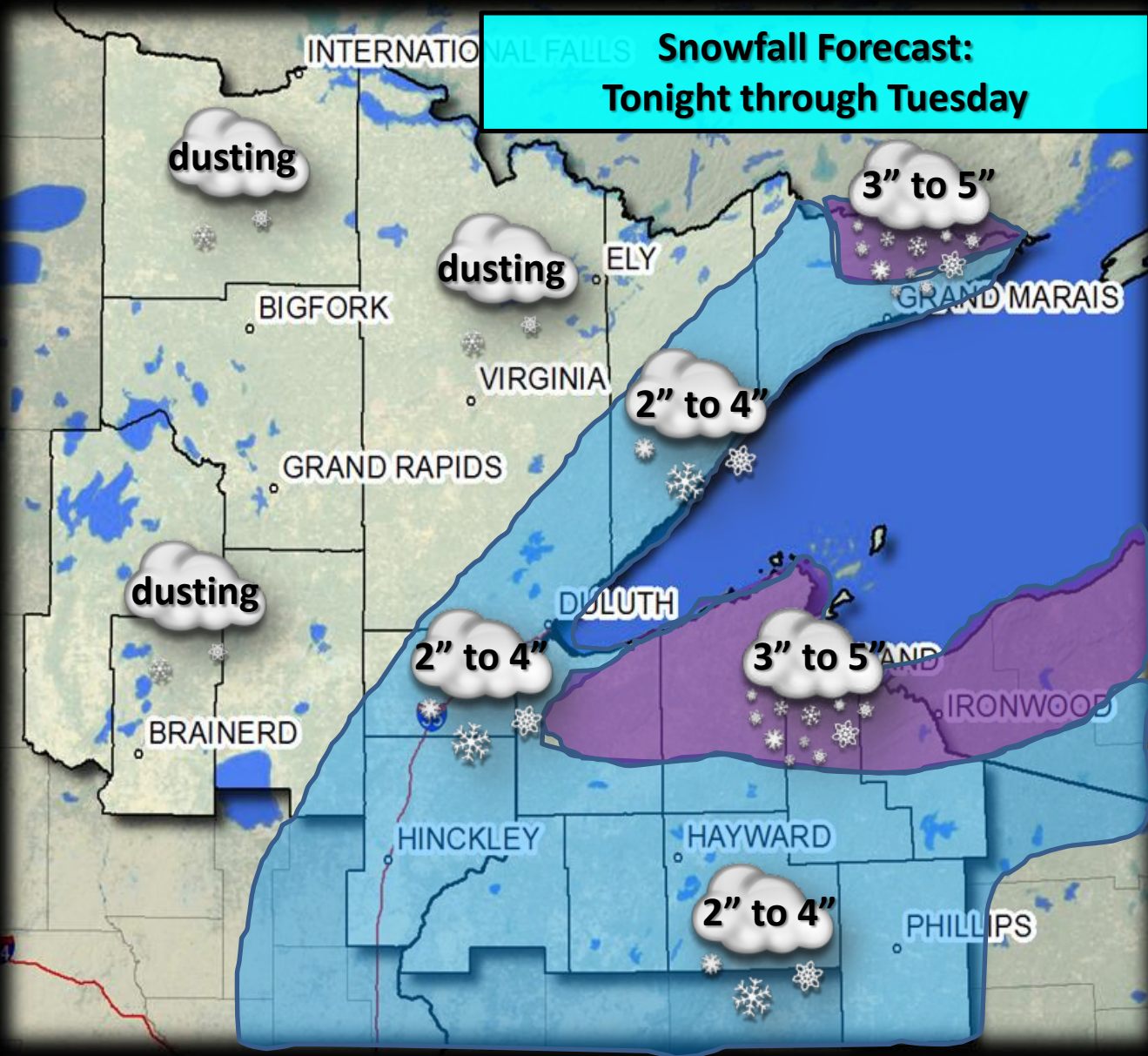
Cold Northerly Winds Today. Snow Forecast for NW Wisconsin and Arrowhead.



Snow Forecast for NW Wisconsin Today through Wednesday



Fog and Rain Transitioning to Sleet and Snow Today



**Cold front passage
Rain changing to a
wintry mixture**

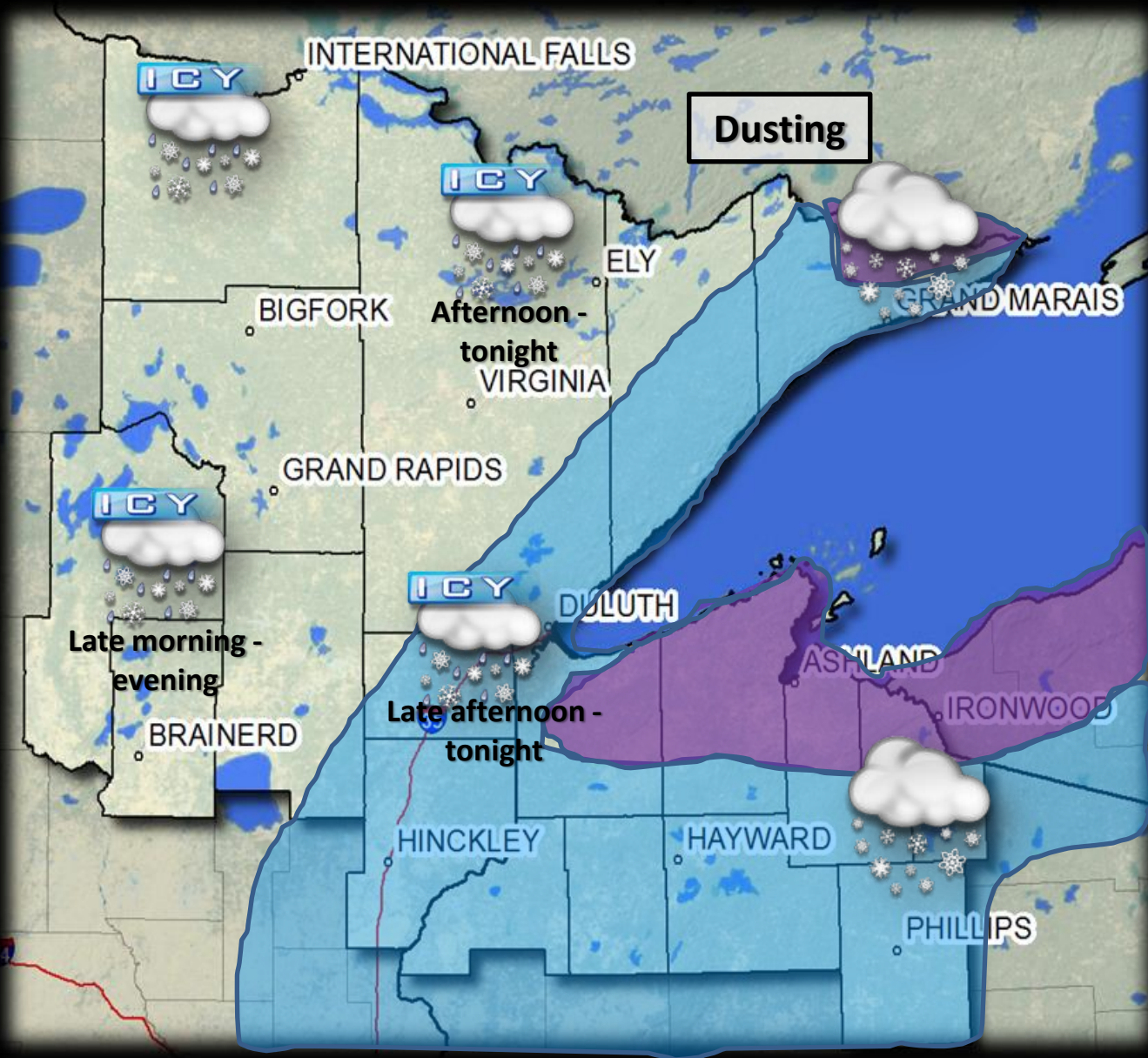
Tonight



**Much colder
Light to moderate
snowfall**



Fog and Rain Transitioning to Sleet and Snow Today



Today



Cold front passage
Rain changing to a
wintry mixture

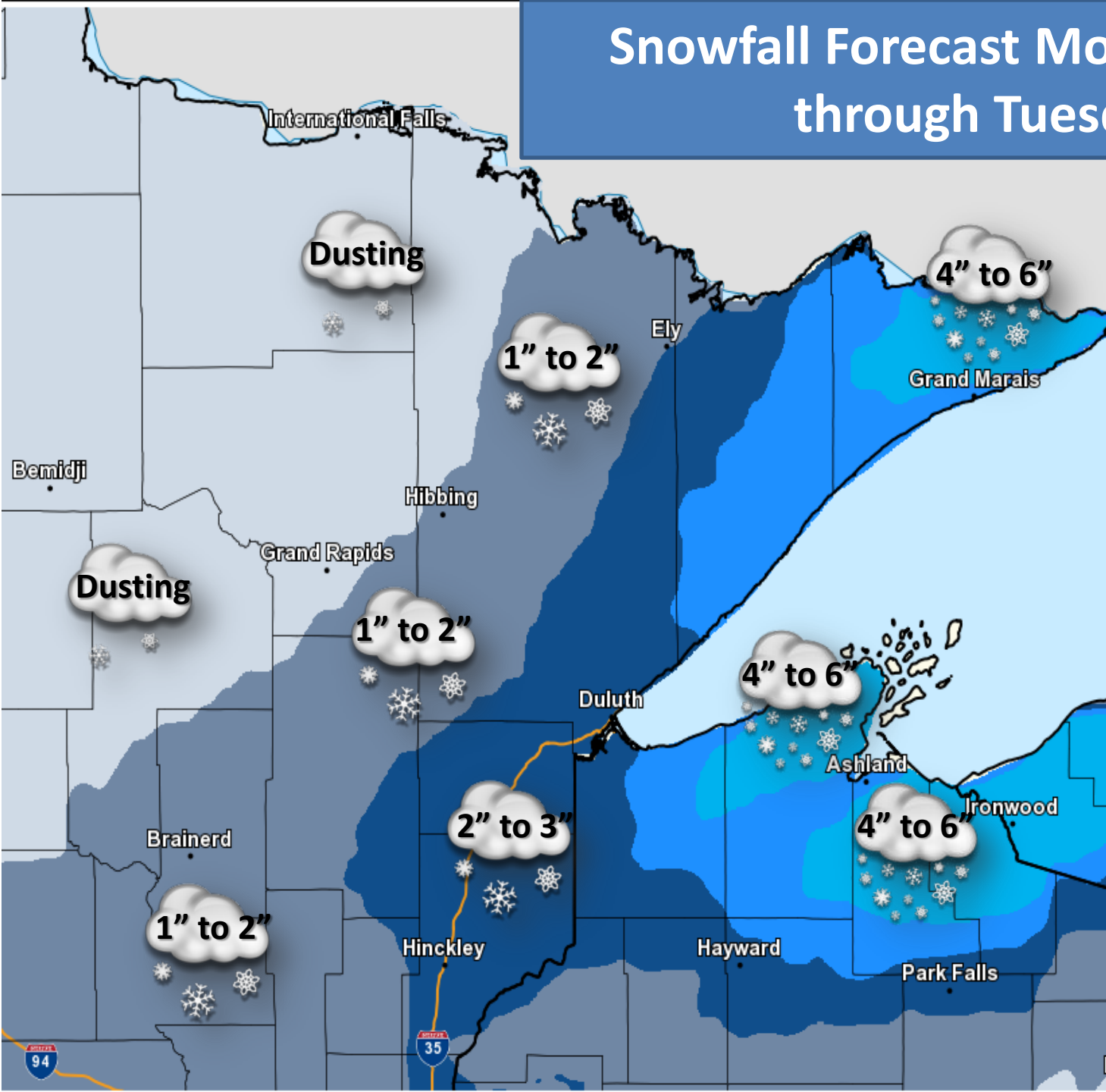
Tonight



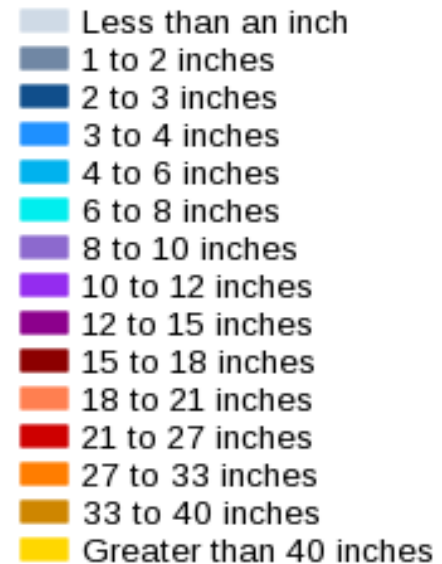
Much colder
Light to moderate
snowfall



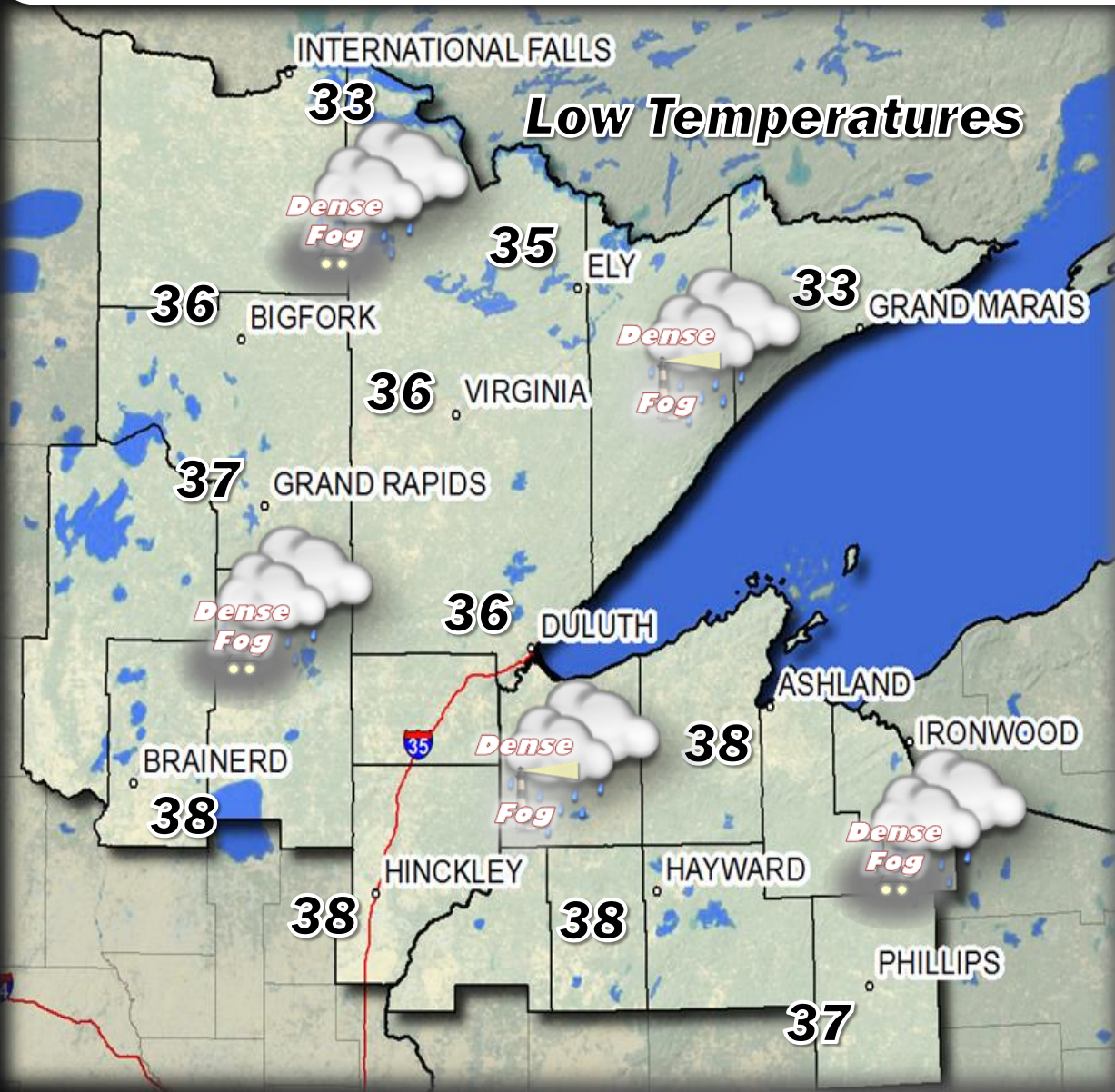
Snowfall Forecast Monday Night through Tuesday



Total Forecast Snowfall



Dense Fog and Drizzle Tonight



Sunday



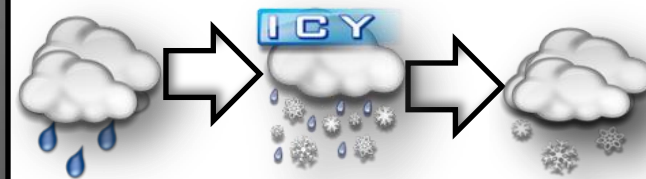
Highs: 40 to 45

Sunday Night



Lows: 30 to 40

Monday → Tuesday



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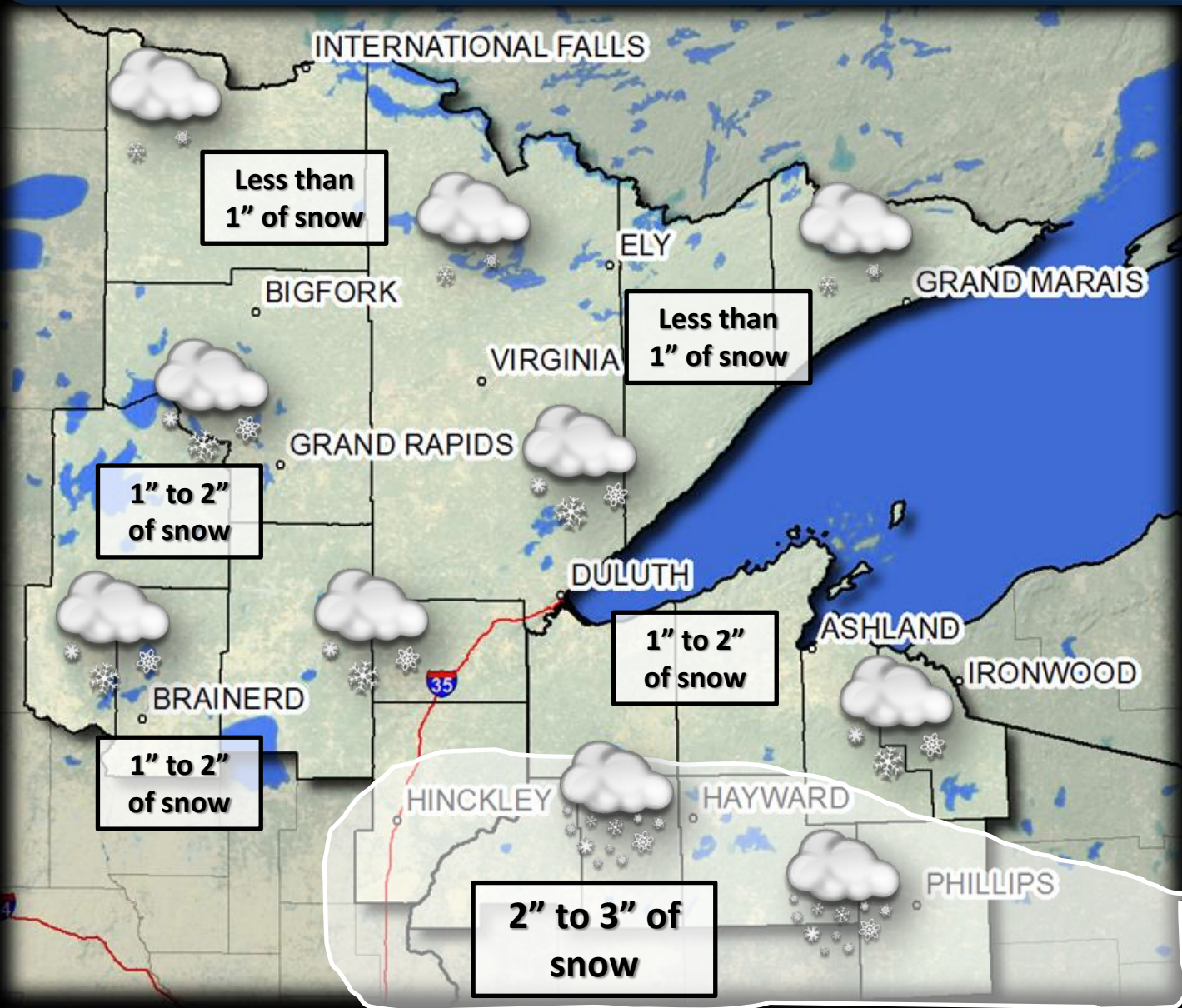
Northland Weather



- Cloudy Tonight and Tomorrow
 - Patchy Fog
- Lows Tonight upper teens to low 20s
- Highs Tomorrow low 30s.



Snow this Morning...Light Snow & Sleet Tonight



**Tonight &
Sat Morning**



**Light Snow and
Sleet
Lows: 10° to 17°**

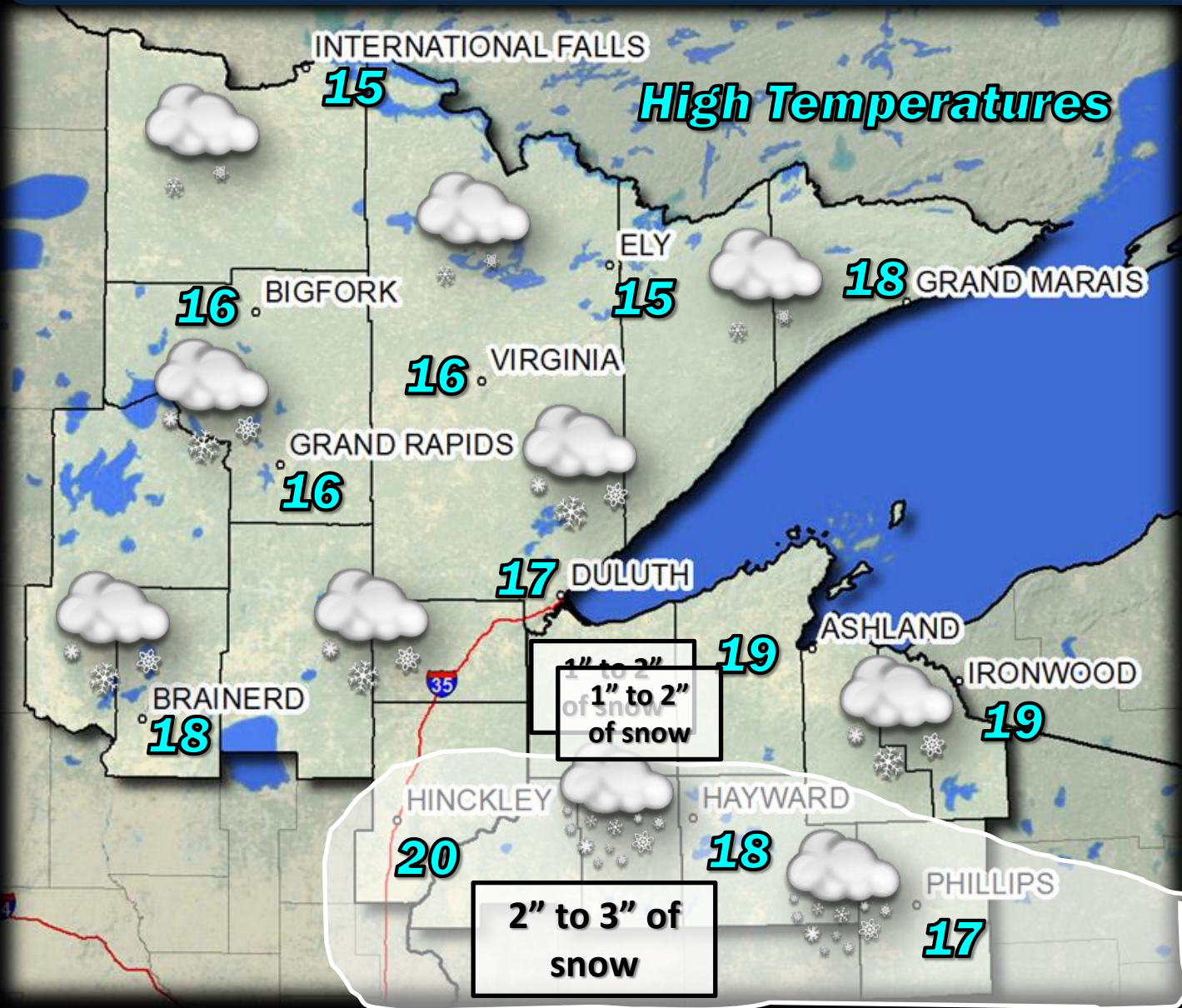
Sat Afternoon



**Warmer
Highs: upper 20s
and lower 30s**



Snow this Morning...Light Snow & Sleet Tonight



Tonight



Lows: -5° to 5°

Friday



**Snow and sleet
Highs: upper
teens to low 20s**



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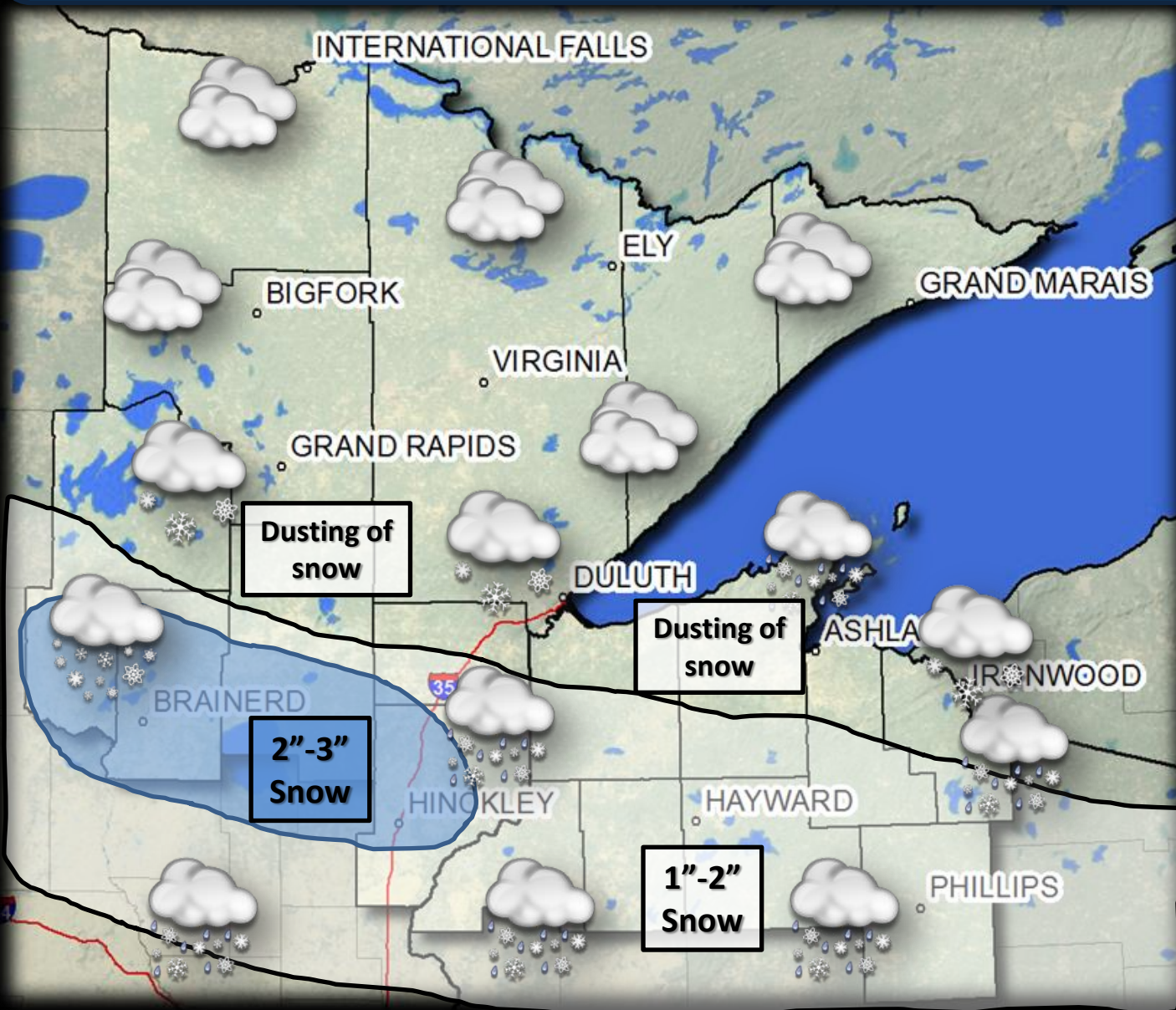
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Snow Continuing through the Evening



Thursday



**Partly to mostly
cloudy
Highs: upper 30s**



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Clear Skies Tonight, Sunny Saturday

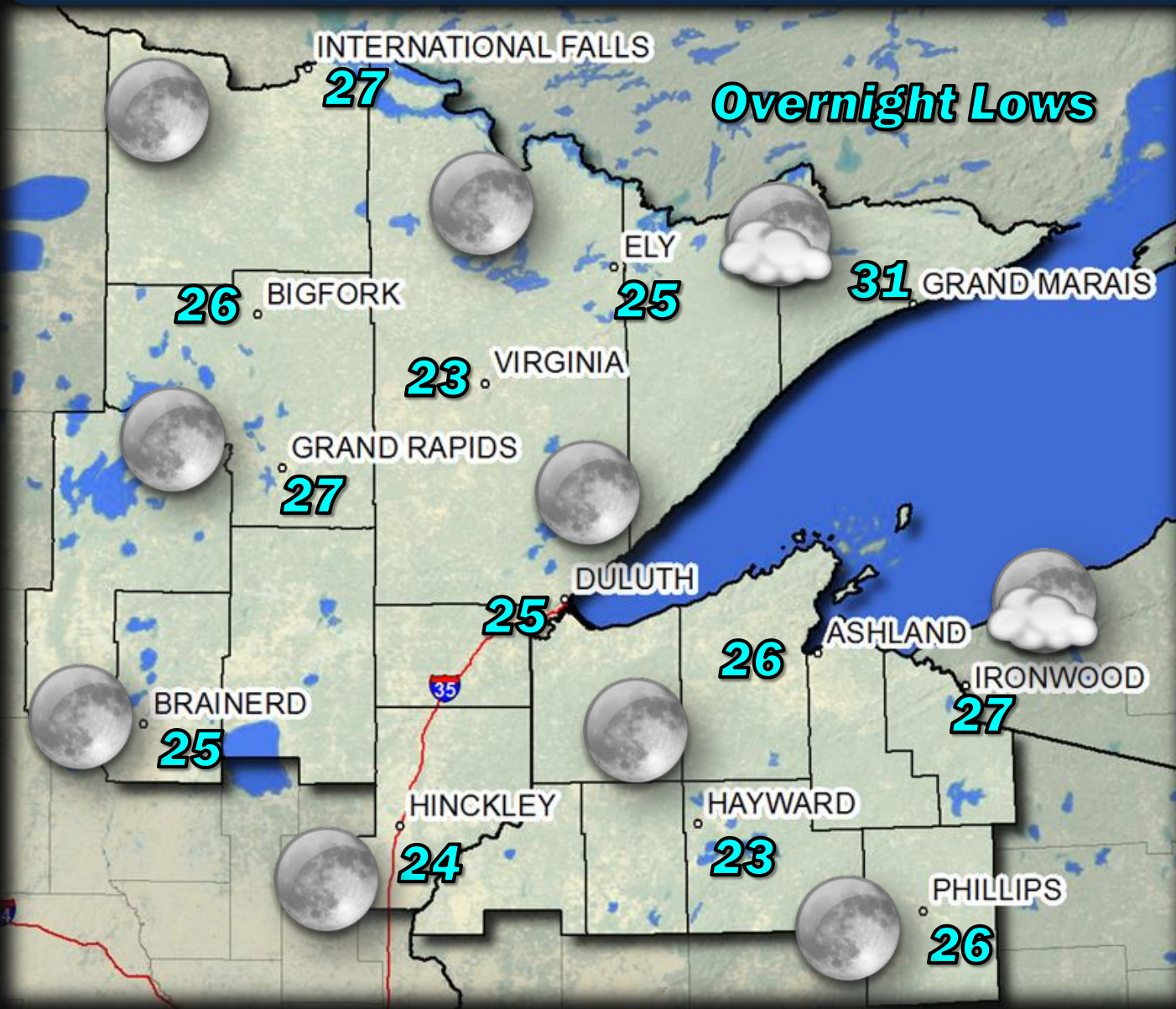
Saturday



Sunny and Windy
Highs: Middle 50s
and Lower 60s

Courtesy of Todd Mavec

Cold Tonight, Warmer Weather on the Way



Saturday



Warm and Breezy
Low to Middle 50°s

Sunday

Morn-Aft

Late



Warm and Breezy
Upper 50°s to 60°



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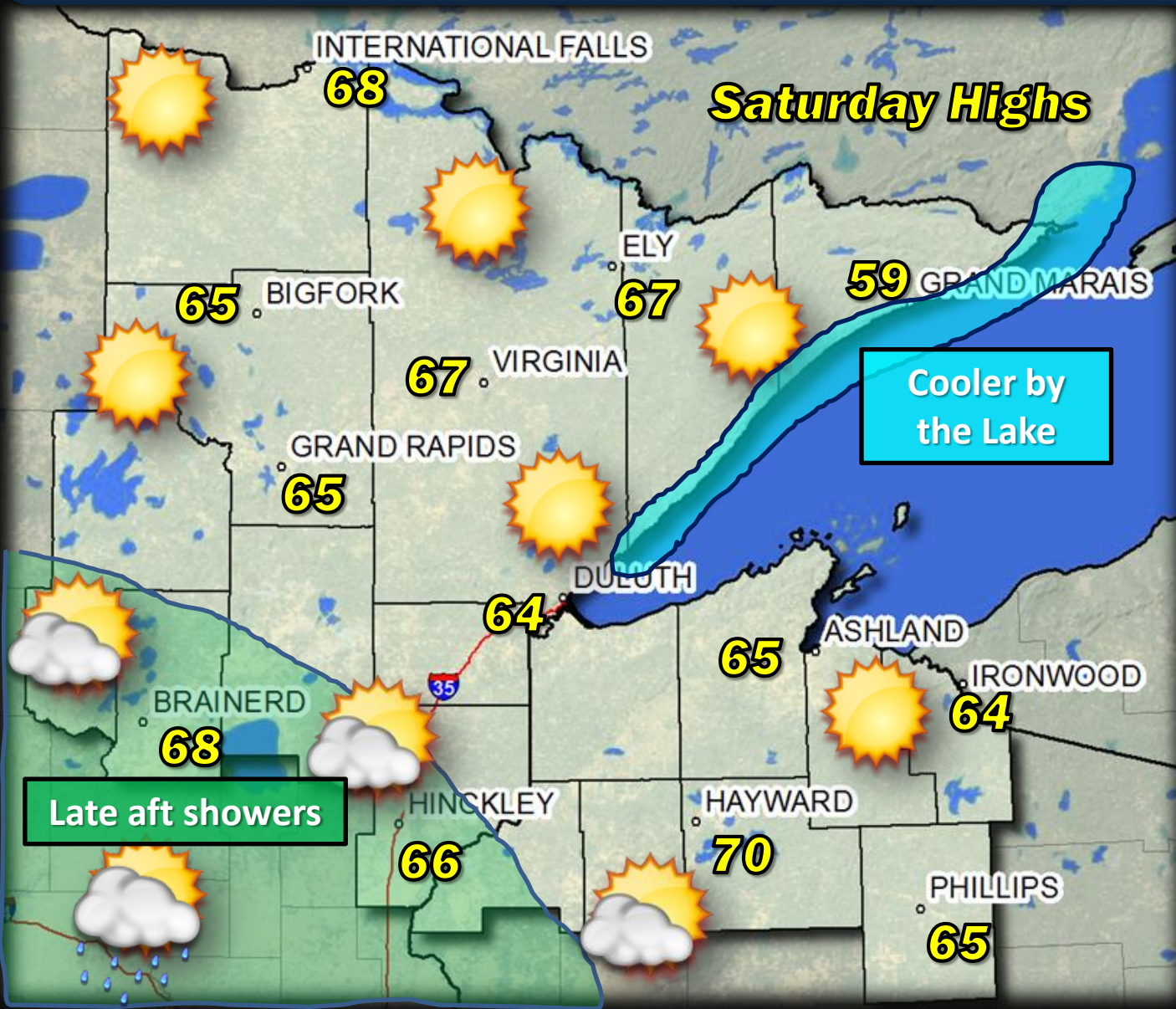
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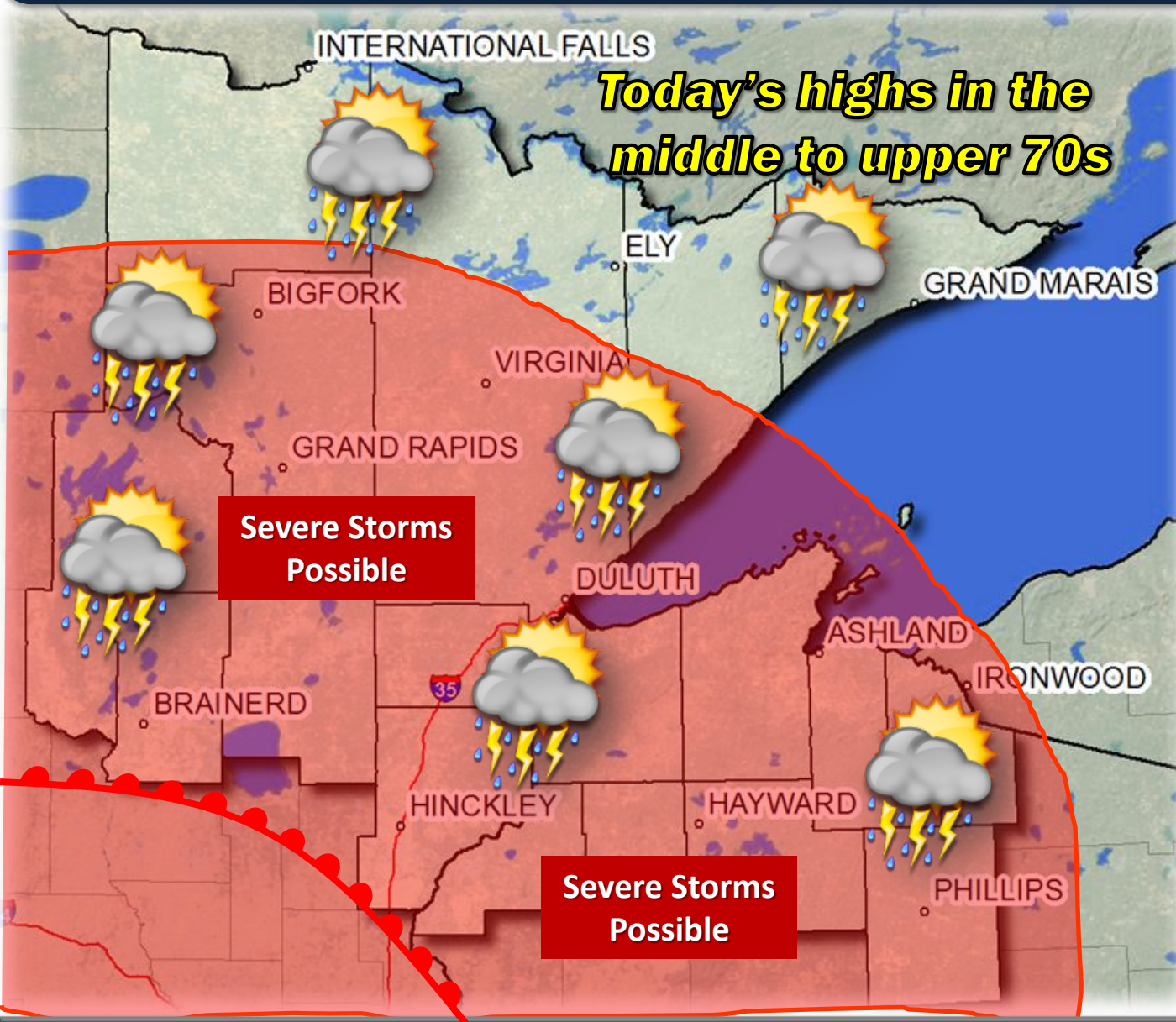
Warm & Sunny Start to Mother's Day Weekend



- Warm and sunny for most of Saturday.
- Increasing clouds and chances of showers & storms from the south Sat afternoon and night.
- Warm on Mother's Day, but with chances of showers and storms.



Stormy Weather Expected for Later Today



Courtesy of Dennis O'Hara

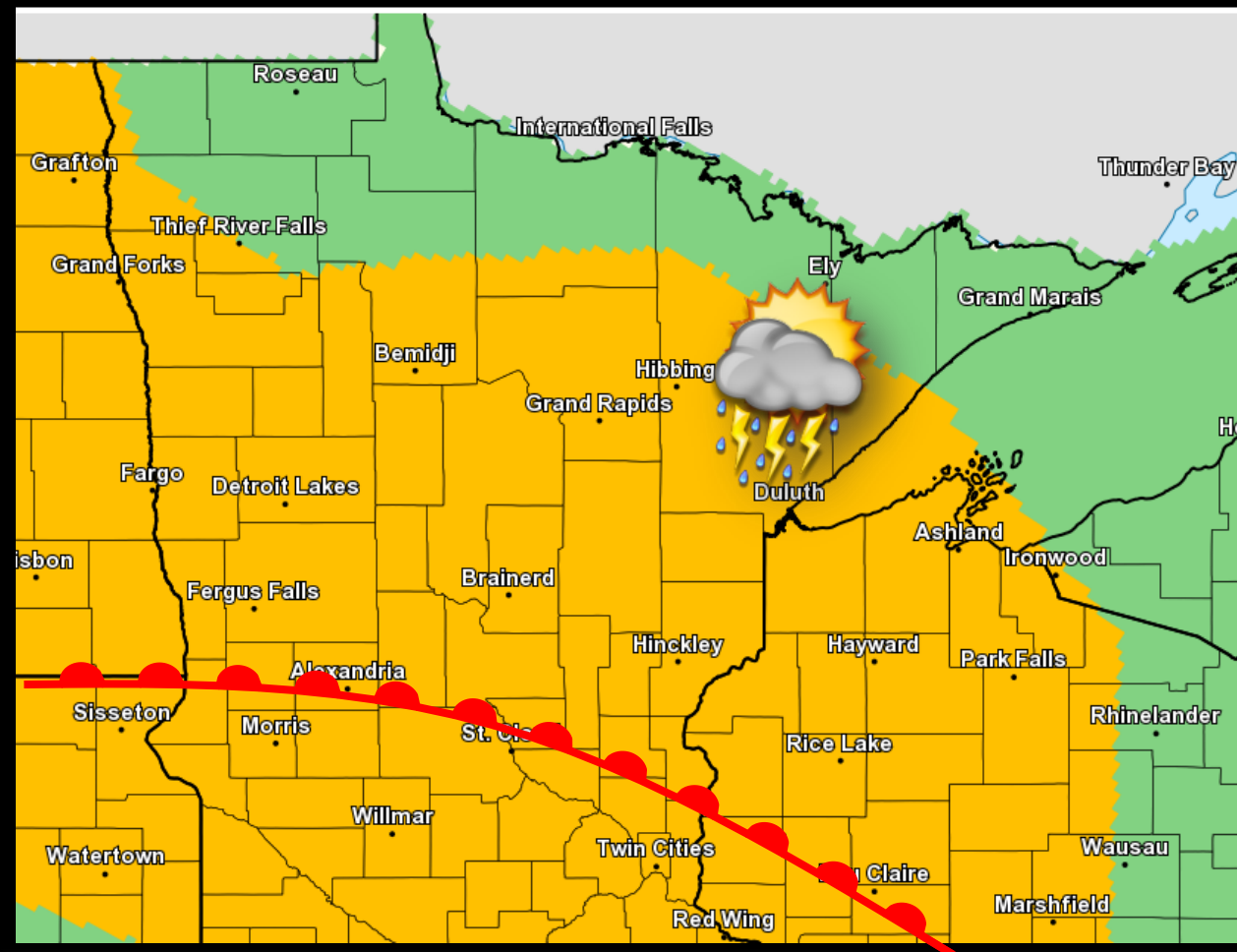


Main threats

- Large Hail
- Heavy Rain
- Large Hail
- Damaging Winds
- Very Low Risk of Tornadoes



Showers and Storms through Tonight, Shifting East



Sun & Sun Night



**Cold front will
bring showers
and storms**



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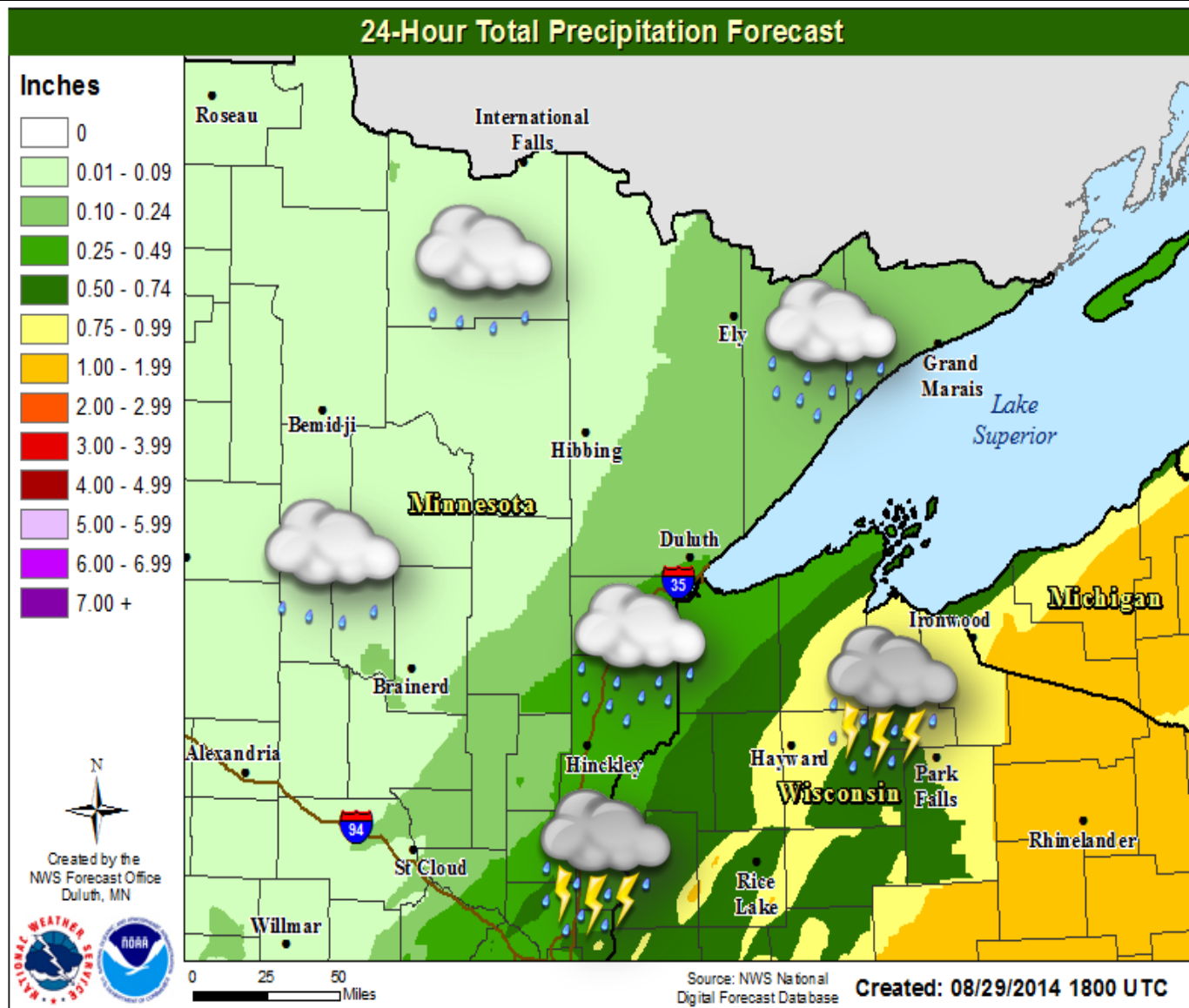
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Showers and Storms through Tonight, Shifting East



Saturday



**Highs: Upper 60s
and Lower 70s**

Sun & Sun Night



**Cold front will
bring showers
and storms**



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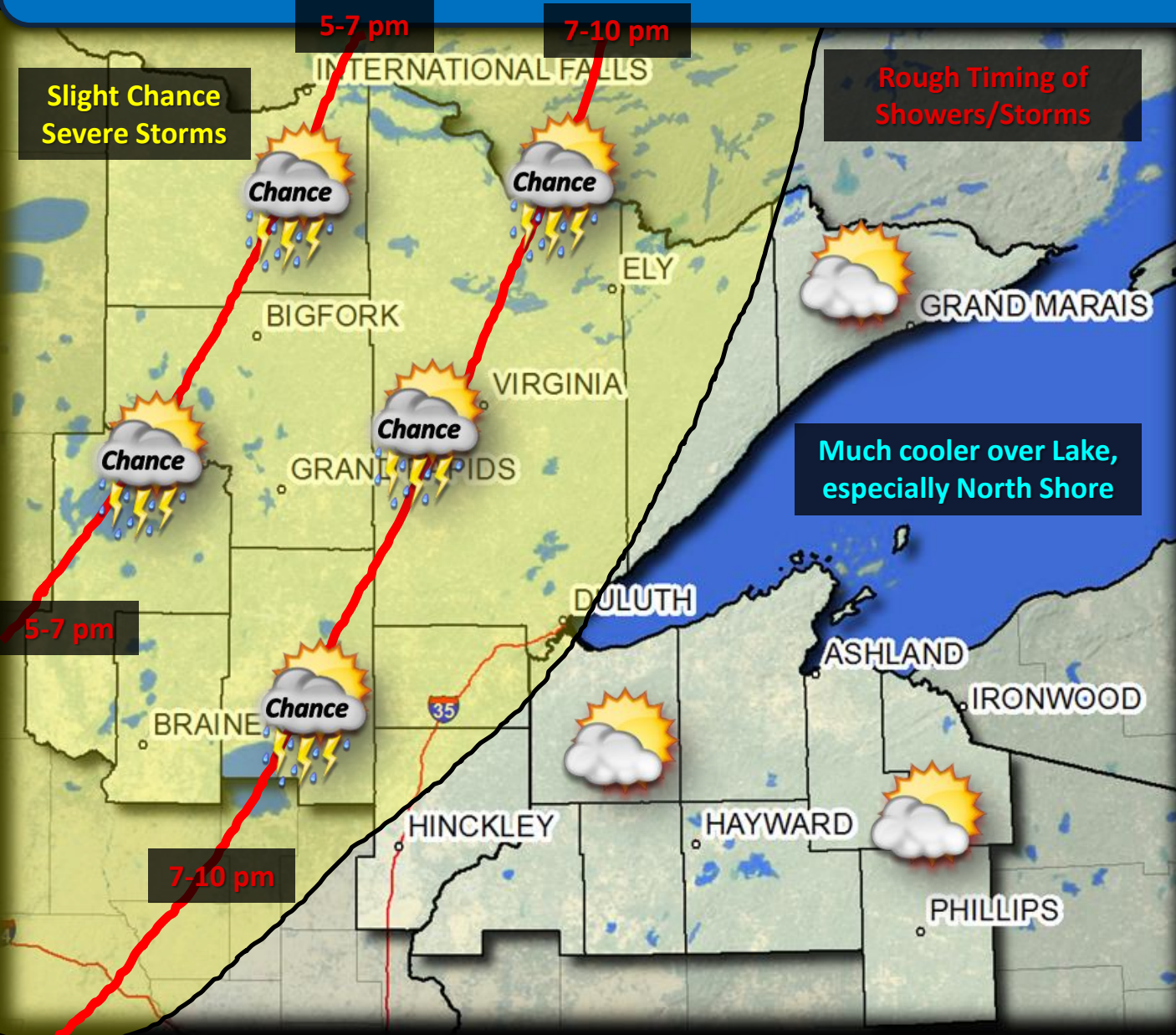
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Storms Possible Late this Afternoon and this Evening



Later Tonight



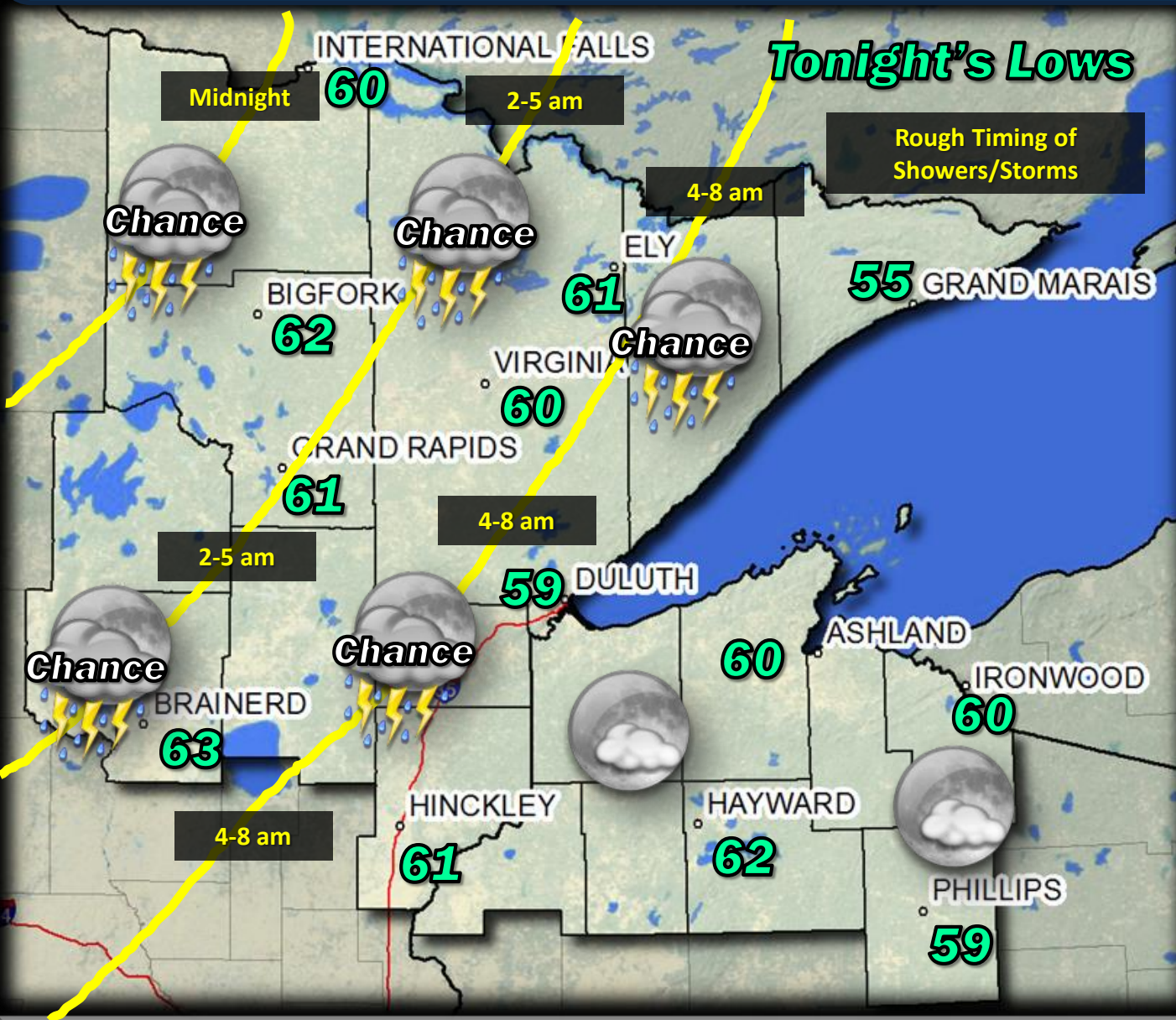
Lows: Upper 60s and Low 70s

Monday



Hot and Humid
Highs: Mid 80s to
Low 90s

Warm and Humid Tonight. Chance of Storms



Saturday



**Highs: Upper 70s
and Low 80s**

Sunday



**Highs: Low to
Middle 80s**



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Warming Trend Expected for Northland

Friday
Highs:
77° to 82°

Saturday
Highs:
77° to 82°

Sunday
Highs:
80° to 86°

Monday
Highs:
83° to 88°

Tuesday
Highs:
79° to 86°



Courtesy of Dennis O'Hara



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Cool and Clear Tonight



Courtesy of Dennis O'Hara

Friday



Highs: Upper 70s
and low 80s



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Clearing Skies Over the Northland Tonight



Friday

Wednesday

Wed Night

Thursday

Thu Night

Friday



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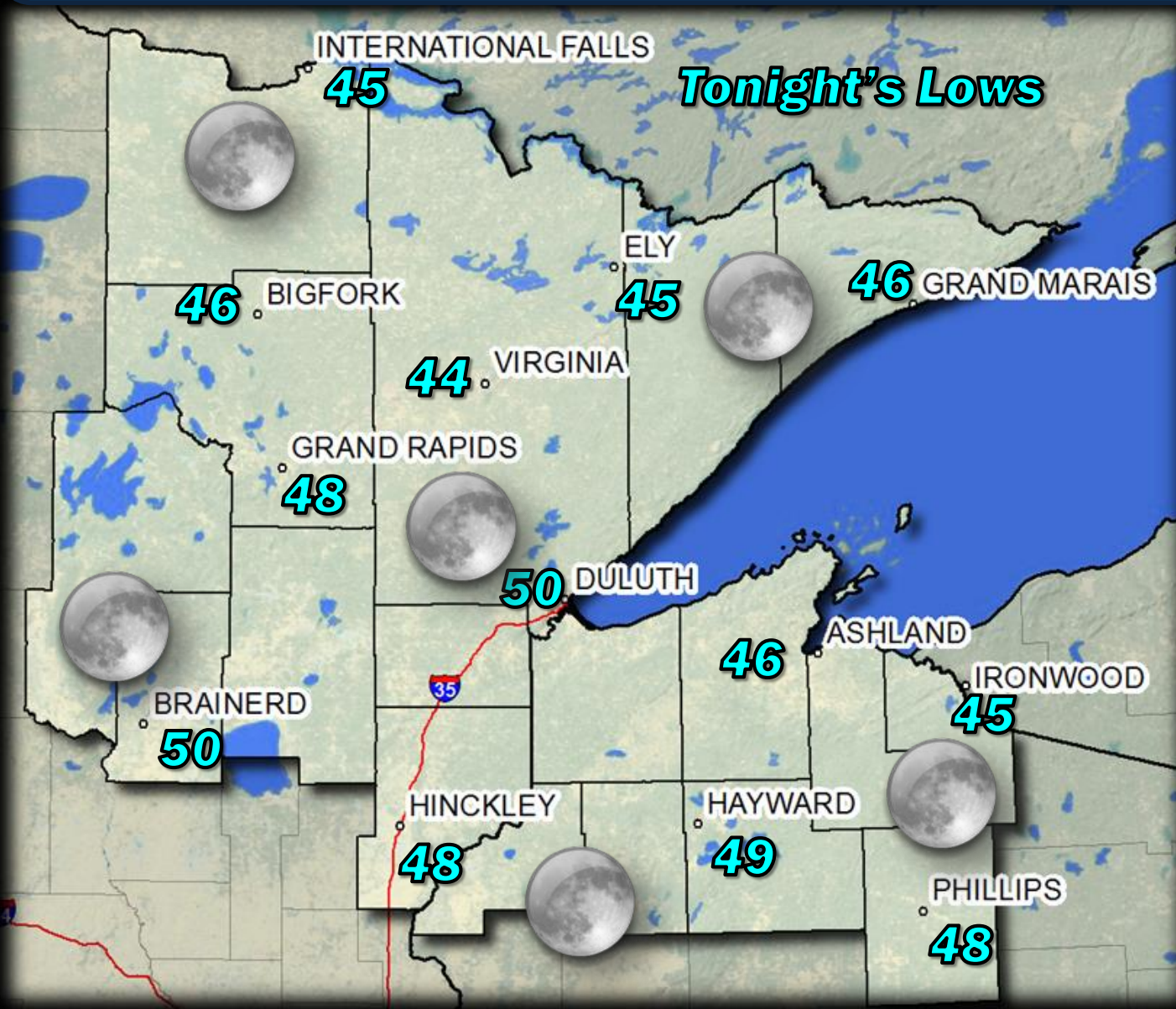
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This Evening's Weather



Thursday



**Highs: 70s
Partly Cloudy**

Friday



**Highs: 70s
Mostly Cloudy
Showers and
Storms**



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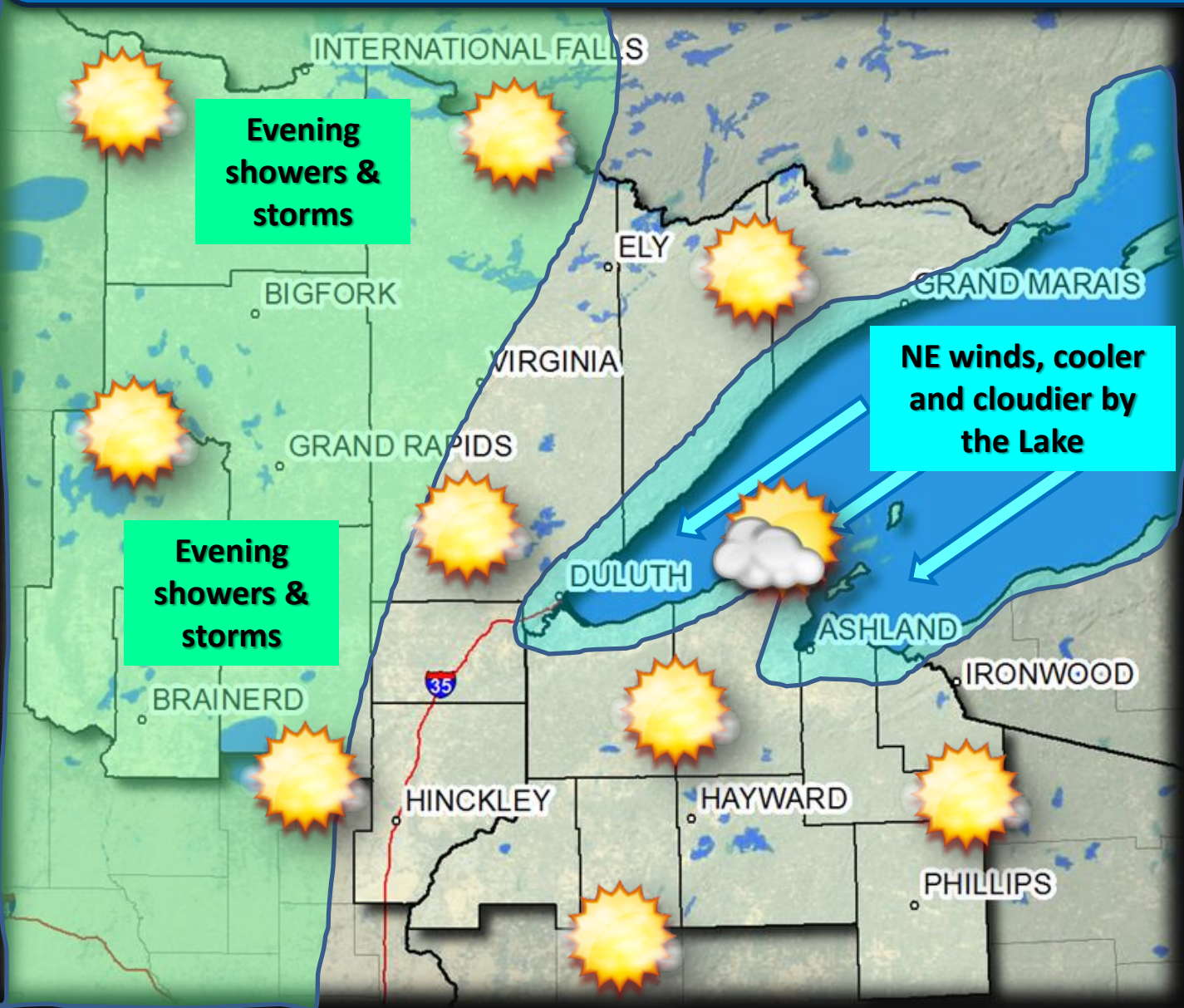
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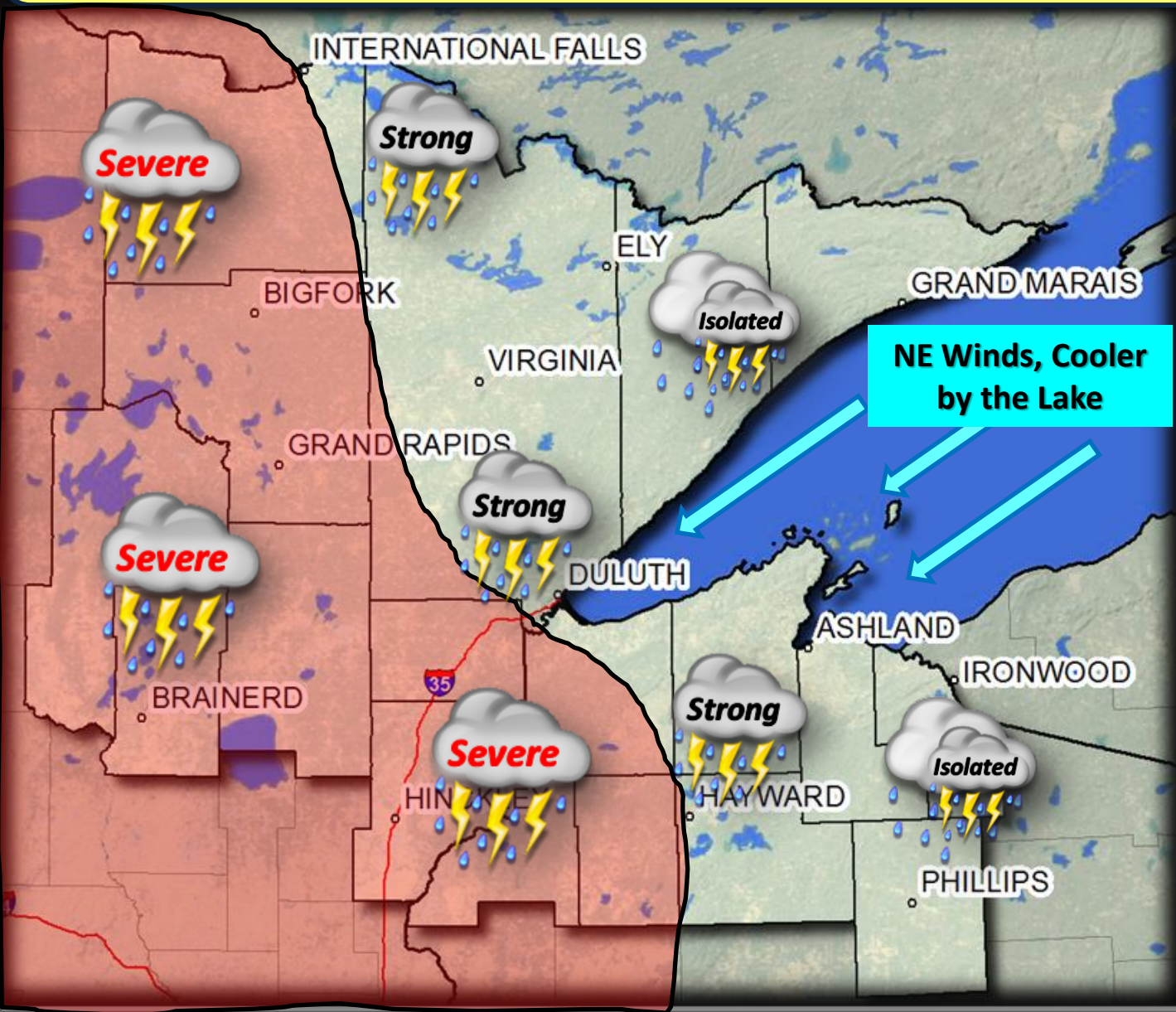
Storms from the West Late Afternoon and Evening



- Cloudier over and near Lake Superior.
- Showers and storms possible across the west late this afternoon and this evening.
- Fog redeveloping near Lake Superior tonight.



Severe Thunderstorms Possible through Late Evening



- Thunderstorms will spread into Northland from the west late this afternoon and this evening.
- Strong to severe storms possible.

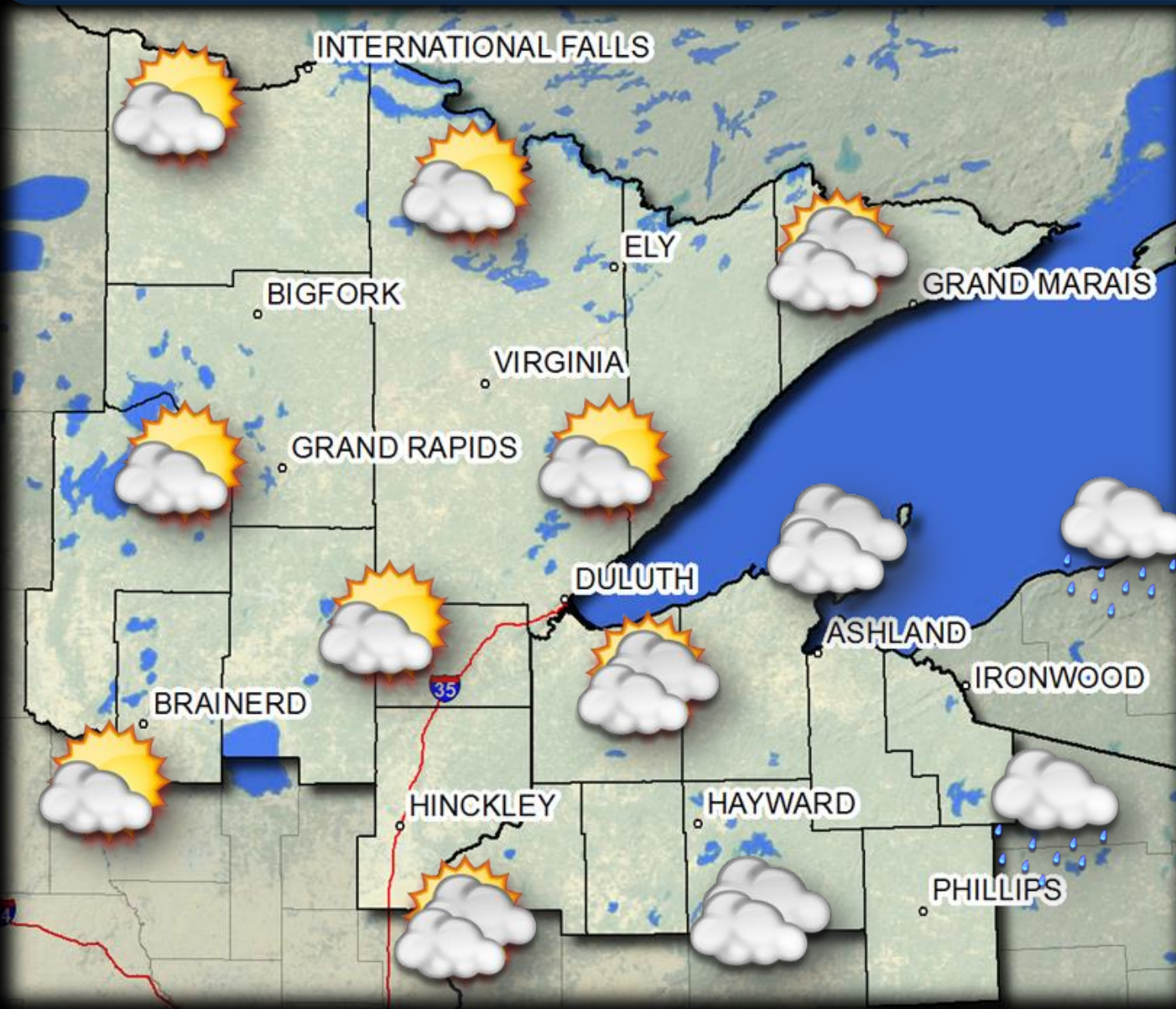


Severe Weather Threats

Large Hail
Damaging Winds
Brief Heavy Downpours
Isolated Tornadoes



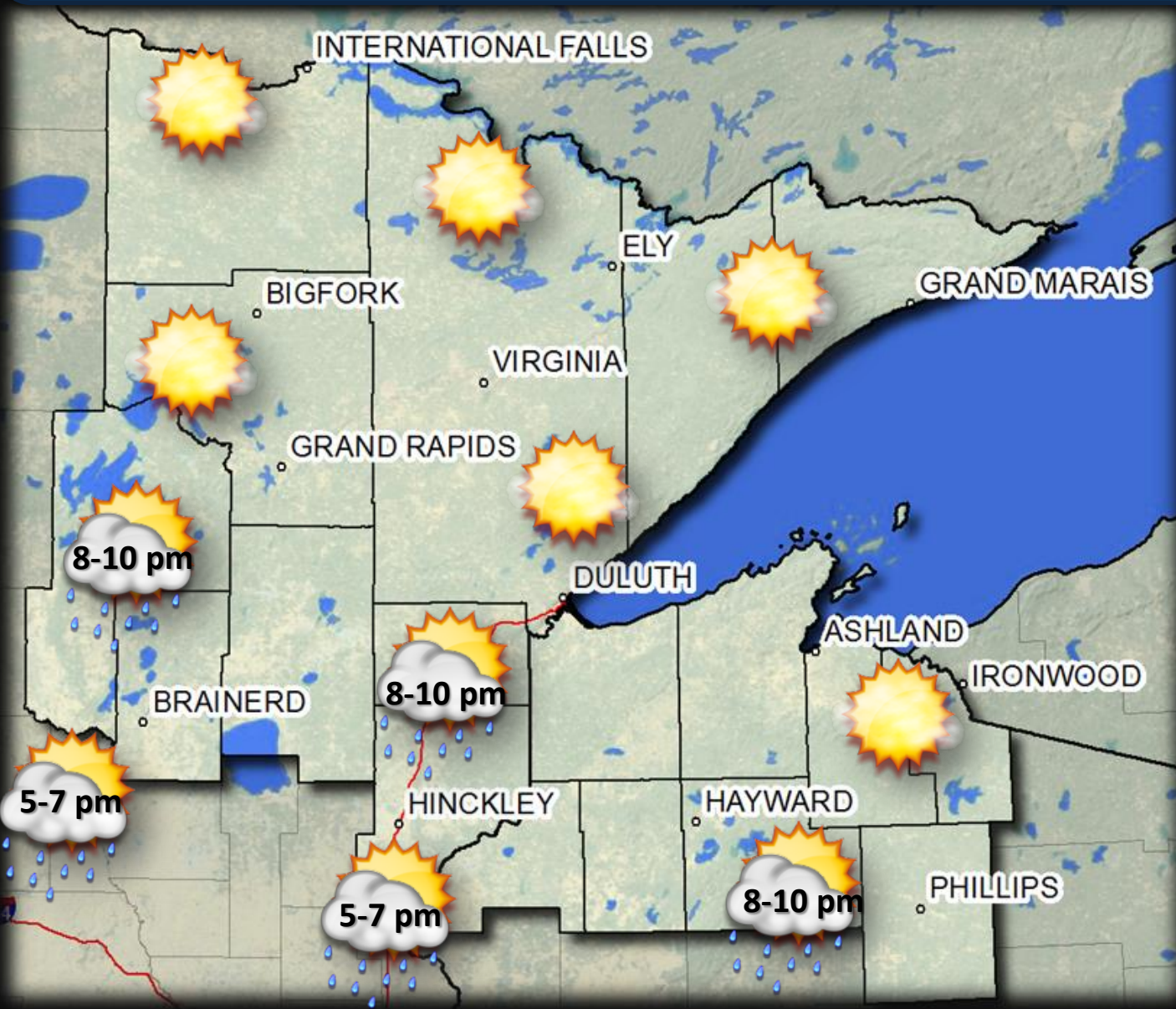
This Afternoon's Northland Weather



- **Sunnier skies developing from the west.**
- **High temperatures in the 60s.**
- **Cool and clear tonight.**
- **Sunny and warmer Sunday.**



Late this Afternoon and this Evening



- Showers, and isolated thunder, will move north into areas south of Highway 2 this evening.
- The showers will continue to spread into northeast Minnesota and northwest Wisconsin late tonight.

Mother's Day



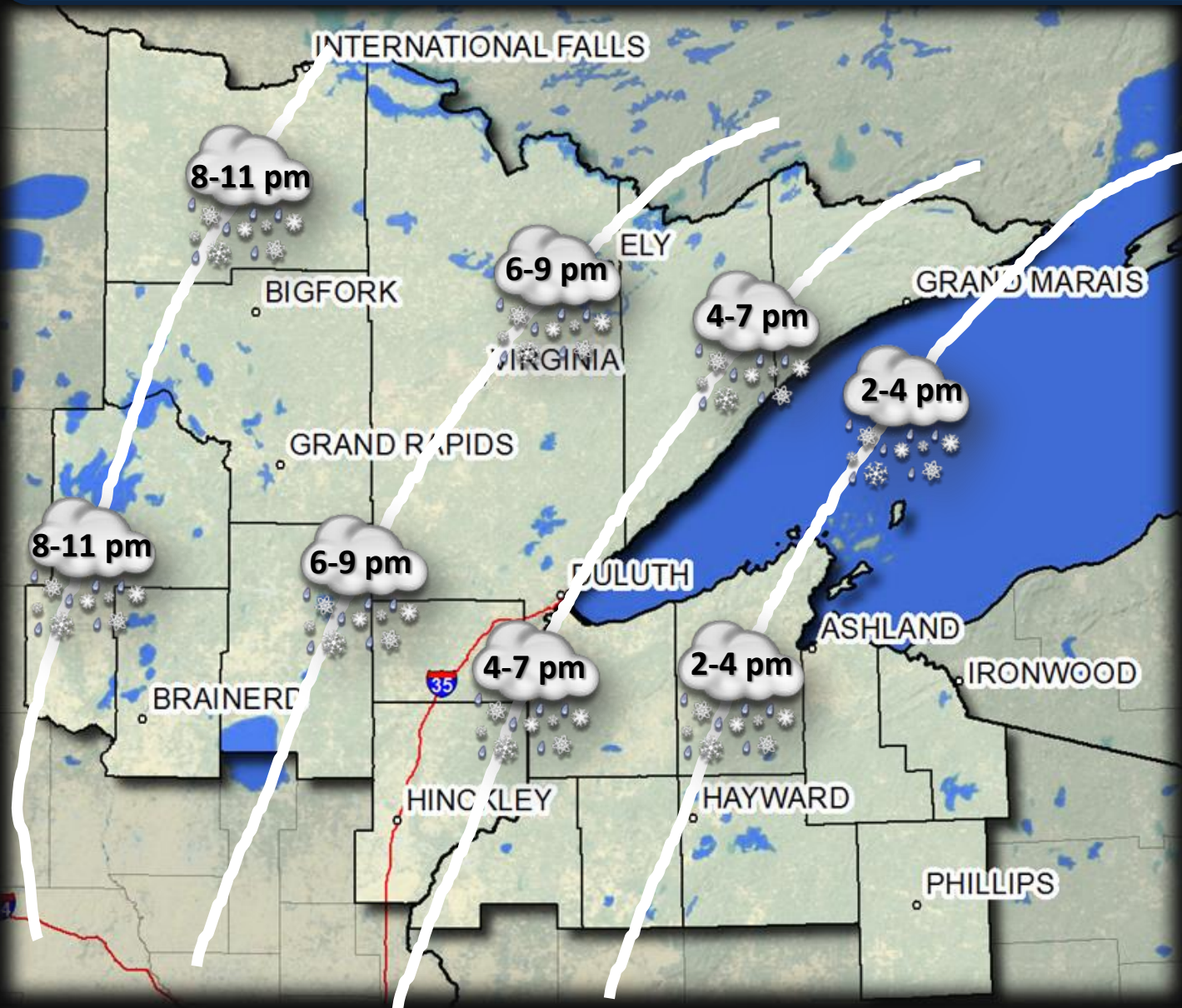
Highs in 50s and 60s

Cooler by the Lake

Low chances of showers



Rain and Snow this Afternoon and Evening



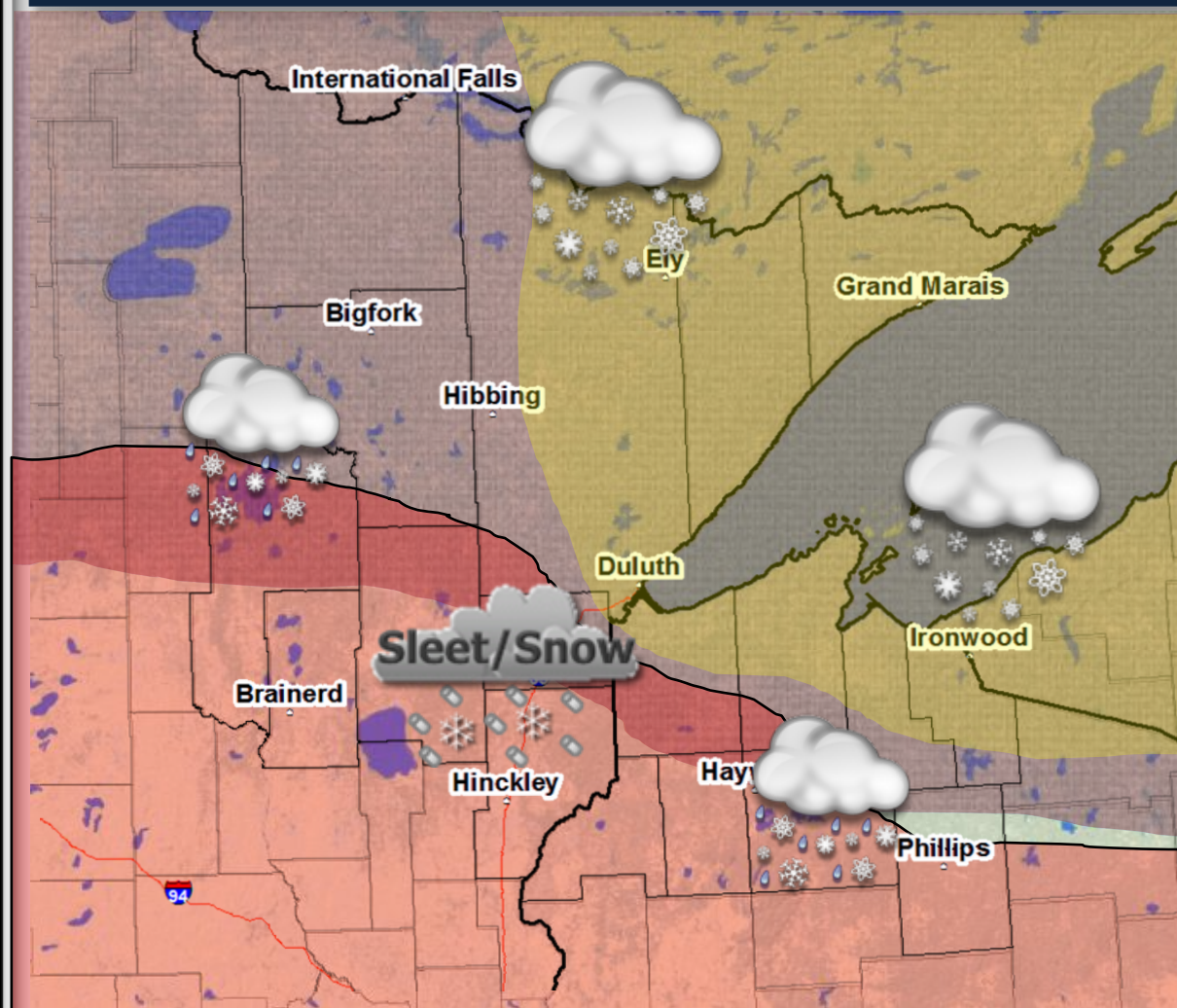
- A band of rain and snow will pivot westward through this evening, general timing provided in graphic.
- Snowfall rates could be heavy at times and cause low visibility.
- Travel could be difficult due to low visibility and slushy roads.
- Up to 2" of snow accumulation.





Potent Winter Storm

Wednesday Evening Through Thursday Night



*Messy Travel
Conditions Likely*

**Best Chance of
Accumulating
Snow**

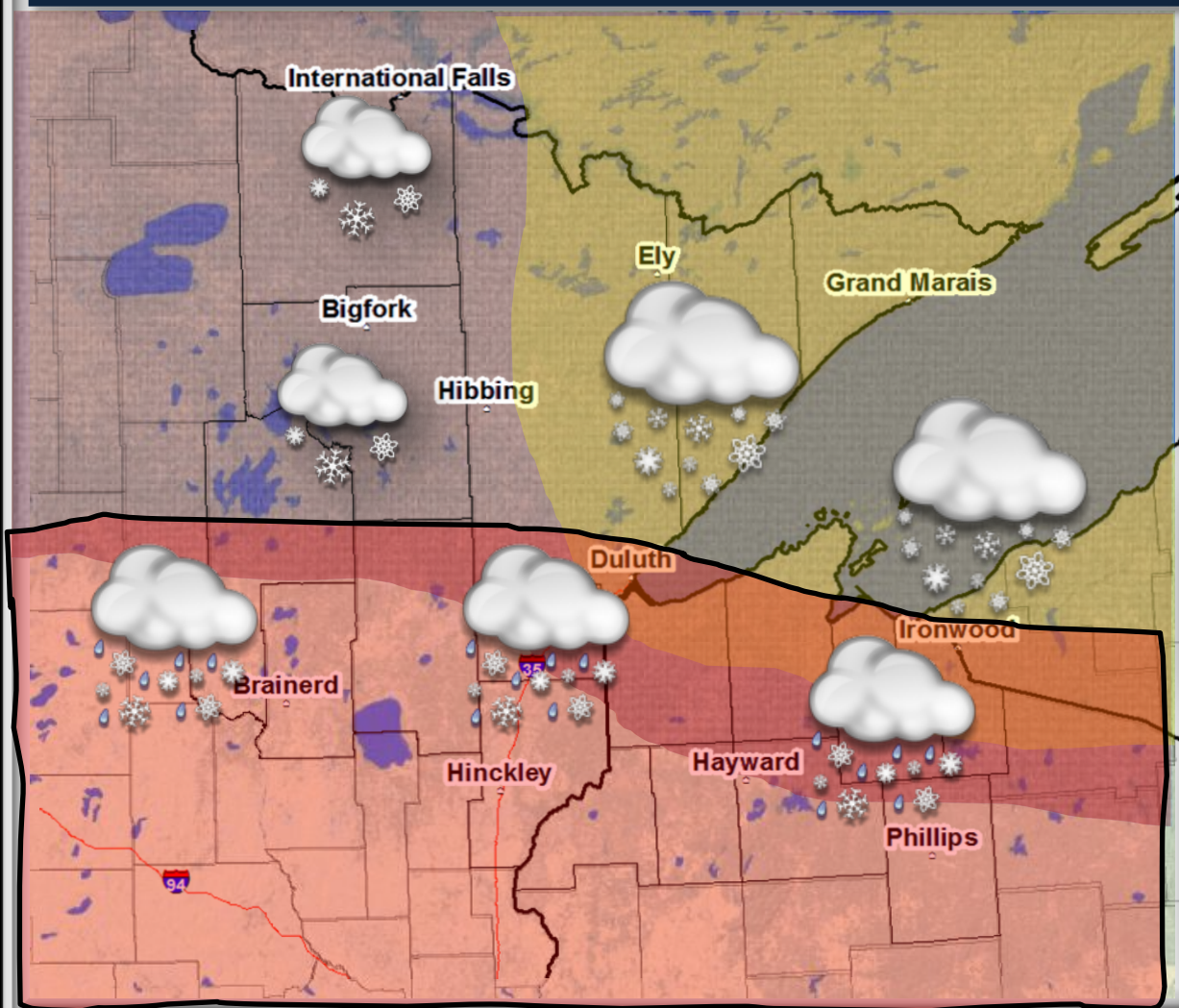
**Greatest Snow Expected
Through Arrowhead and
Along North/South Shores**

**Best Chance of
A Wintry Mix
(Rain/Snow/Sleet)**



Wintry Weather

Wednesday Evening Through Thursday Evening



*Messy Travel
Conditions Likely*

**Best Chance of
Accumulating
Snow**

**Greatest Snow Expected
Through Arrowhead and
Along North/South Shores**

**Best Chance of
A Wintry Mix
(Rain/Snow/Sleet)**



The Arctic Invasion...It's Coming!

Tonight



Lows:
-12° to -19°

Wednesday



Highs:
2° to 13°

Blustery!

Wed Night



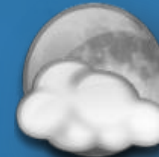
Lows:
-15° to -27°

Thursday



Highs:
-4° to 2°

Thu Night



Lows:
-17° to -25°

Friday



Highs:
-1° to 7°



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The Arctic Invades Today!



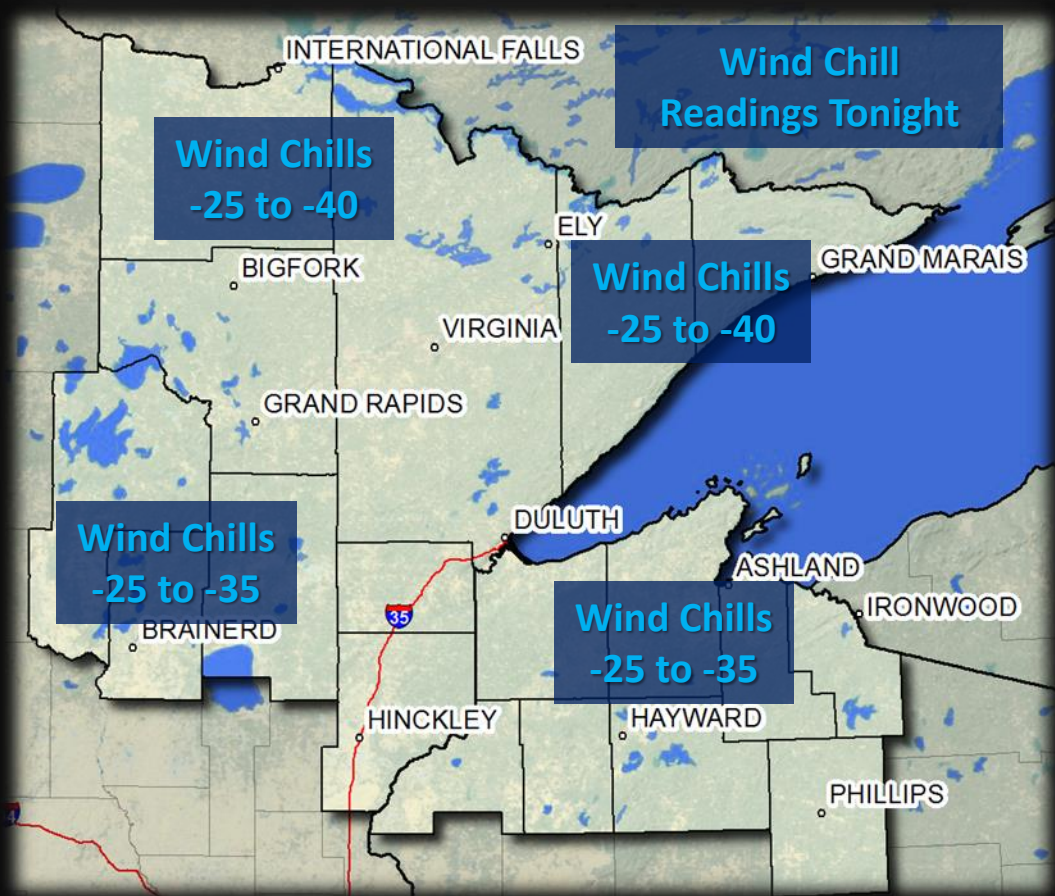
Gary Jackson





- Strong Arctic cold front moves through Northland this afternoon.
- Light snow showers and blowing snow in exposed areas.
- Strong winds of 15 to 25 mph with gusts of 25 to 40 mph.
- Dangerous wind chills of -35° to -50° developing tonight.



COLD

but temperatures
improving this week



Tonight	Lows: -31° to -18° F	
Monday	Highs: 9° to 13° F	
Monday Night	Lows: -11° to -2° F	
Tuesday	Highs: 14° to 19° F	



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COLD

A Blast of Arctic Air this Weekend and Monday

- Plummeting temperatures over the weekend.
- NW winds of 10 to 15 mph will result in widespread very dangerous wind chills of *45 to 60 degrees below zero* Sunday afternoon into Monday morning.

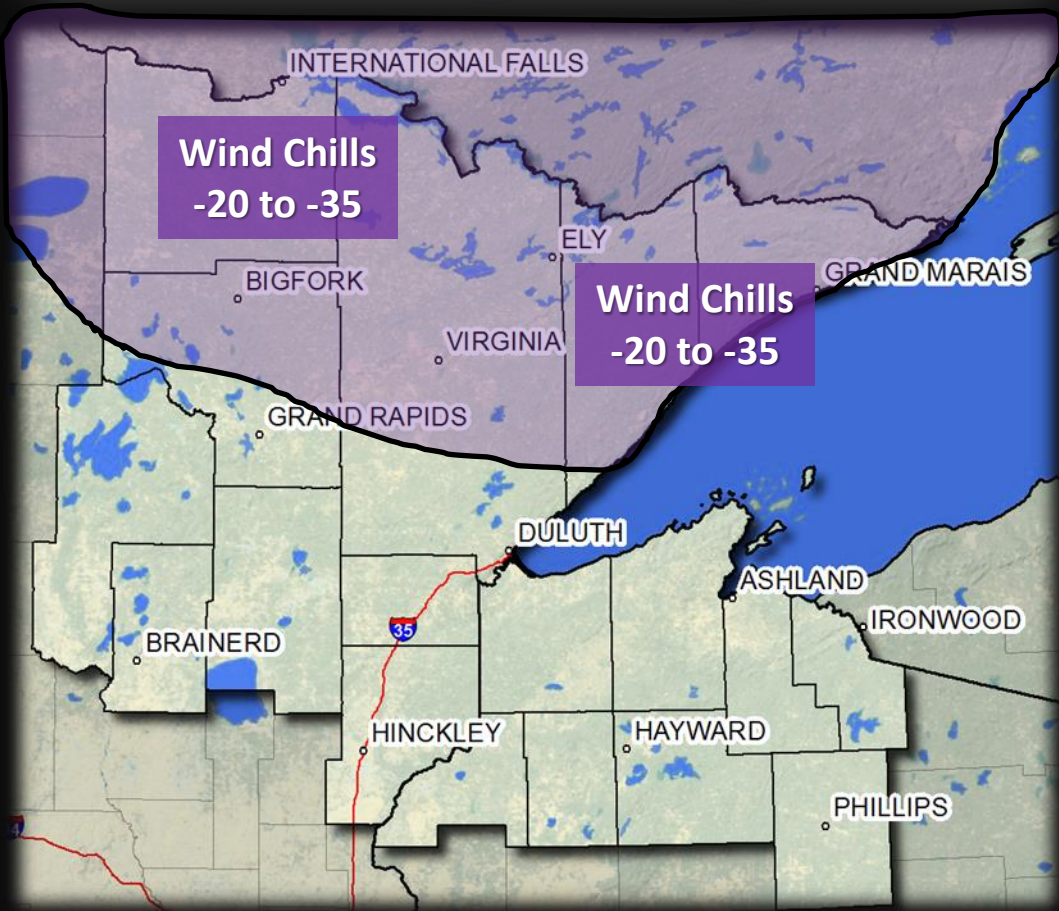


Saturday Night	LOWS: -10° to -22° F <i>Dangerous Wind Chills</i>	
Sunday	HIGHS: -8° to -17° F <i>Dangerous Wind Chills</i>	
Sunday Night	LOWS: -22° to -32° F <i>Very Dangerous Wind Chills!</i>	
Monday	HIGHS: -10° to -17° F	



COLD

Dangerous Wind Chill Readings Tonight



Very Light Snow Tonight
In the Shaded Region

Wind Chill Readings
Tonight

Wind Chills
-20 to -35

Wind Chills
-25 to -35

Tonight

Lows:
-22° to -10° F



Dangerous Wind Chills

Thursday

Highs:
4° to 14° F



Thursday
Night

Lows:
-17° to 2° F



Friday

Highs:
-4° to 17° F



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COLD

Dangerous Wind Chill Readings Tonight

Wind Chill Readings
Tonight

Wind Chills
-25 to -40

Wind Chills
-25 to -40

Wind Chills
-20 to -35

Wind Chills
-20 to -35

Very Light Snow Tonight
In the Shaded Region



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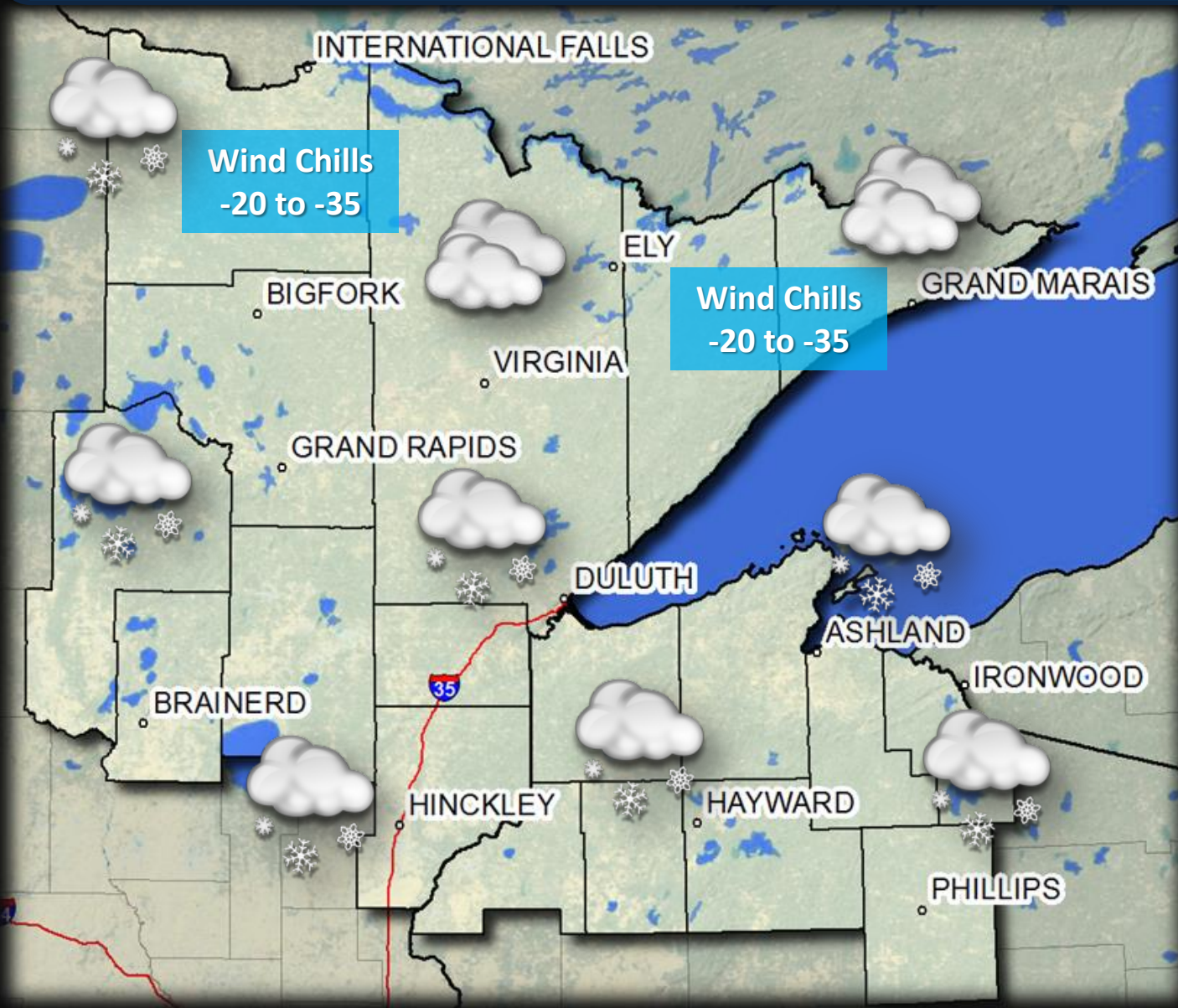
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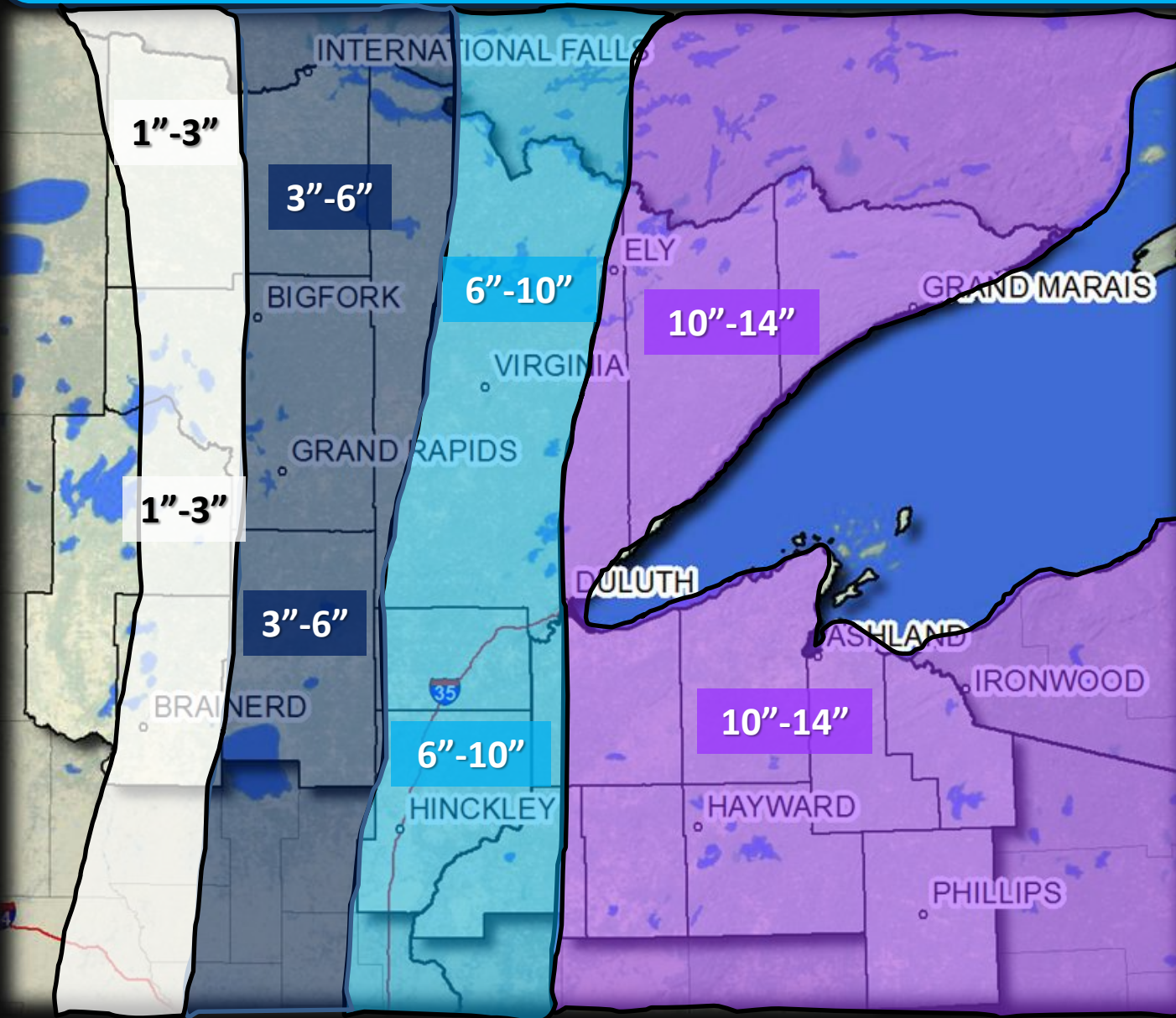
Tonight's Northland Weather



- Dangerous wind chills across northern Minnesota tonight.
- Light snow from central Minnesota to northwest Wisconsin.
- Colder weather Friday.



Major Snowstorm Thursday through Thursday Night

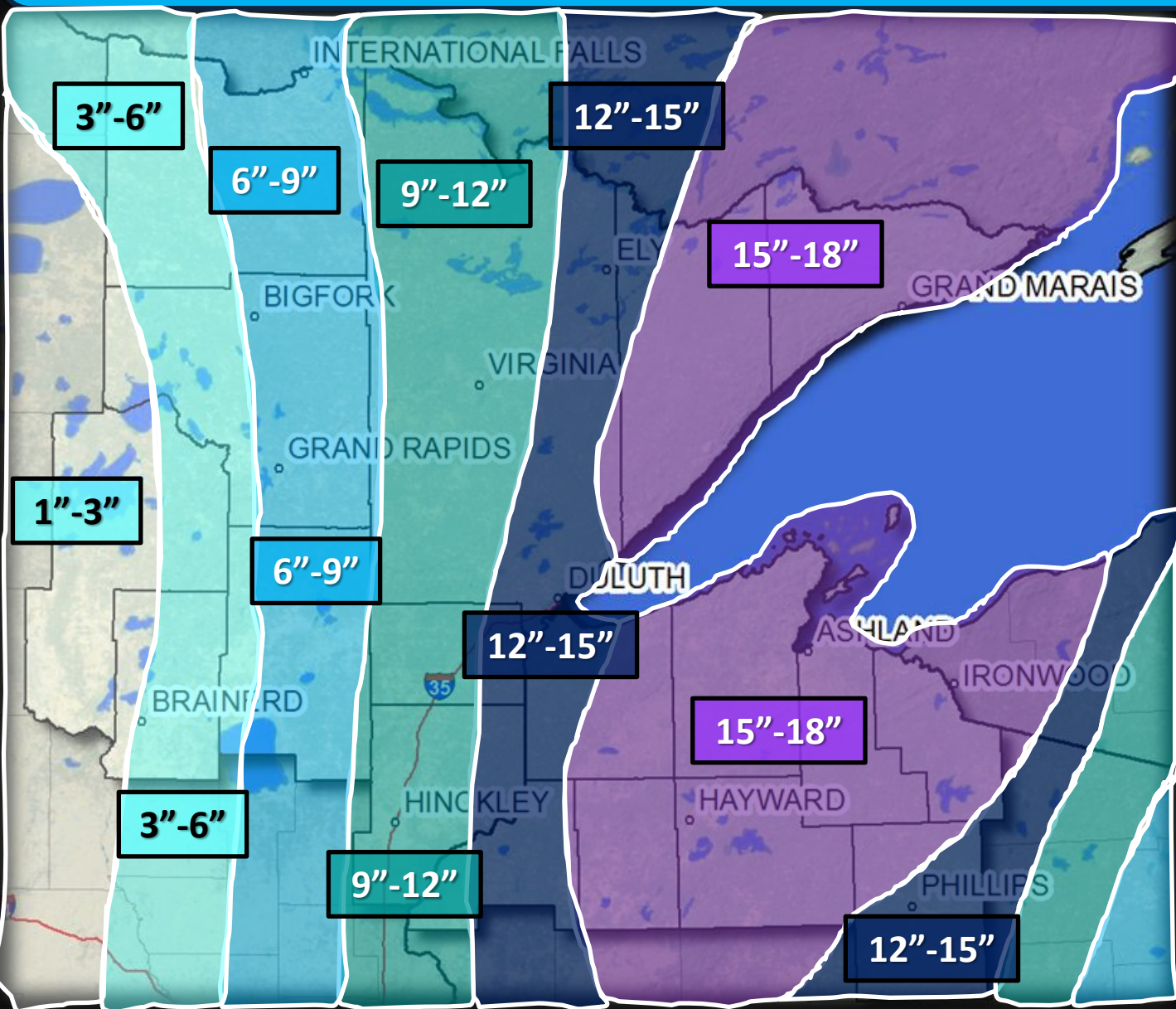


- Greatest intensity Thu afternoon and evening.
- Strong winds late Thu night, near whiteout.
- Difficult travel conditions.

**Make your
travel plans
now!**



Major Snowstorm Today through Friday Morning



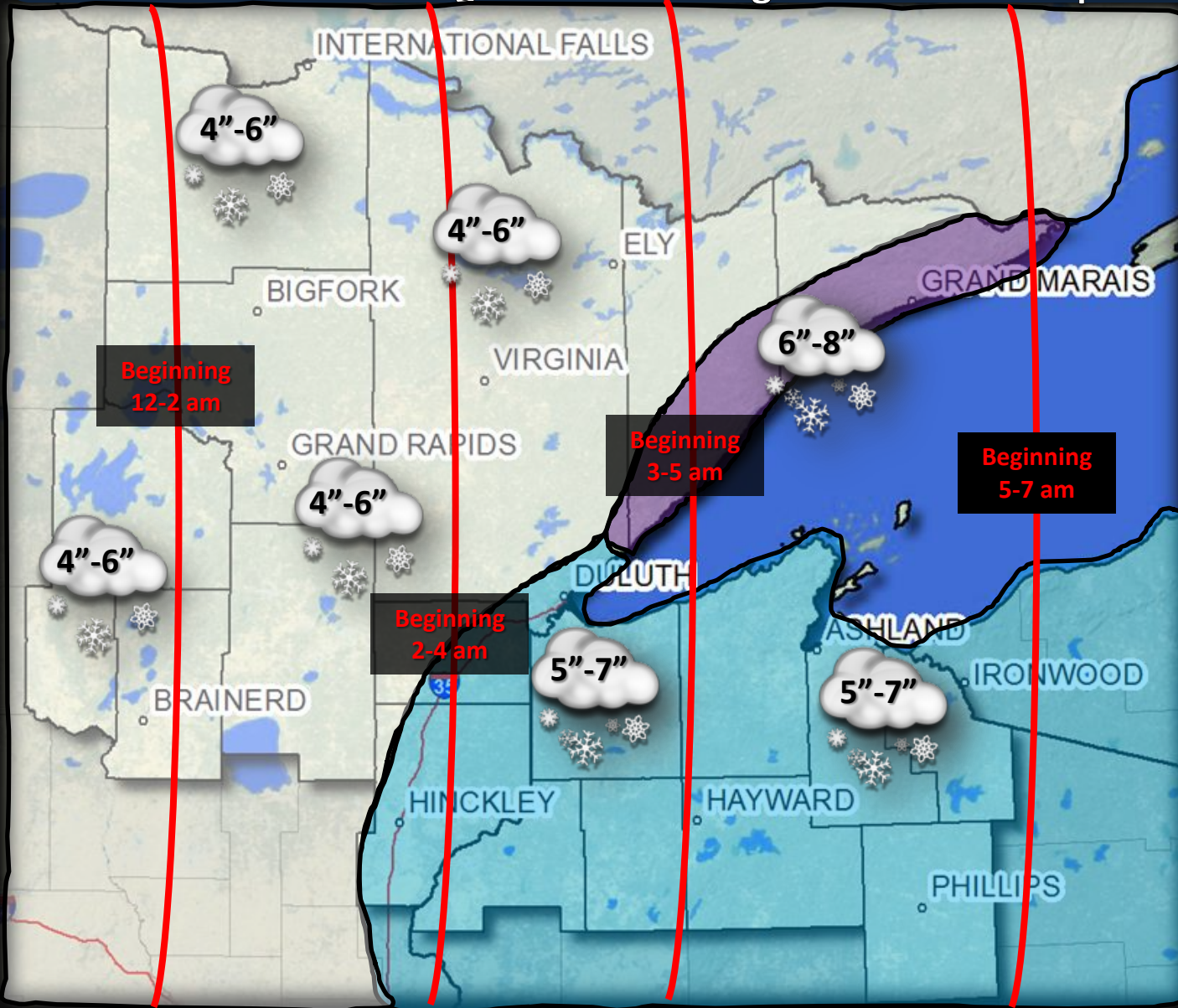
- **Very difficult travel conditions** late this afternoon and tonight during storm's greatest intensity.
- Strong winds developing tonight, **near whiteout**.
- Lingering snow and wind Friday.

**Review your
travel plans
now!**



Moderate to Heavy Snow Late Tonight and Monday

Rough Snowfall Range Forecast in Map Below

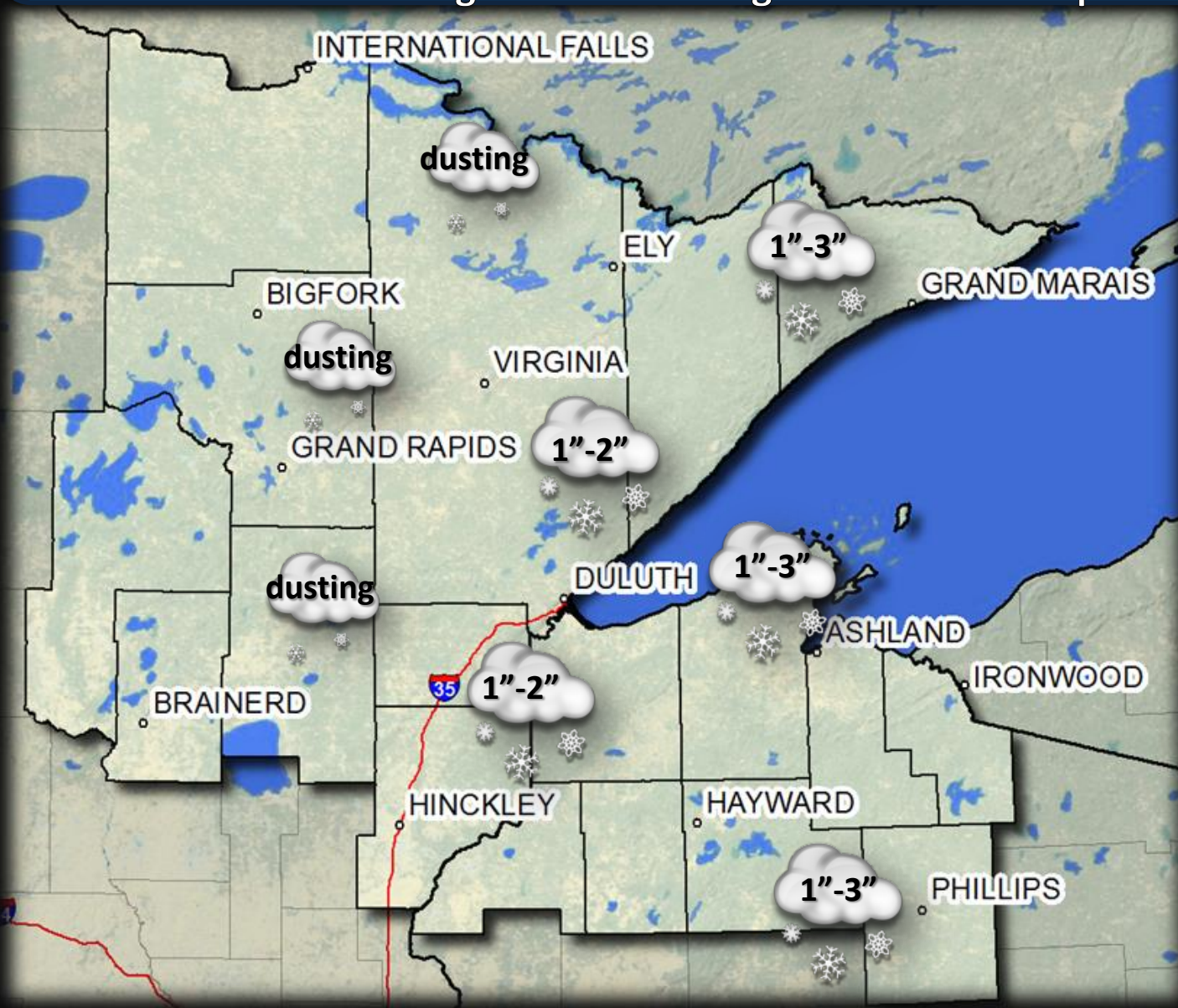


- Plow-worthy snow will interfere with the Mon morning commute, causing difficult driving conditions.
- The snow will begin to shift east of the Northland Mon afternoon.



Additional Snow through this Evening

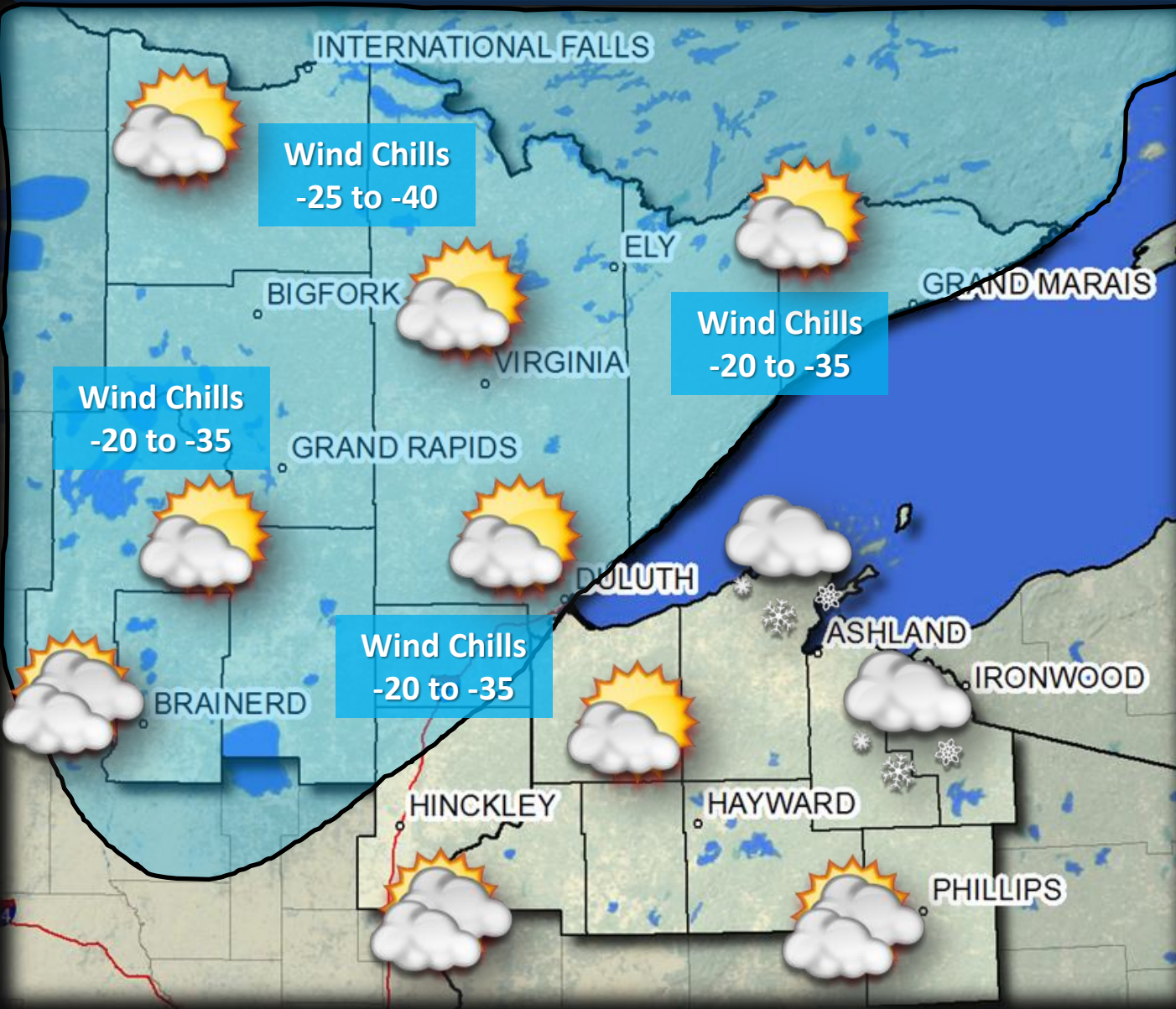
Rough Snowfall Range Forecast in Map Below



- A Clipper System will continue to bring additional snow to the Northland through this evening as it gradually shifts to the east.
- Another round of snow Sunday night and Monday.



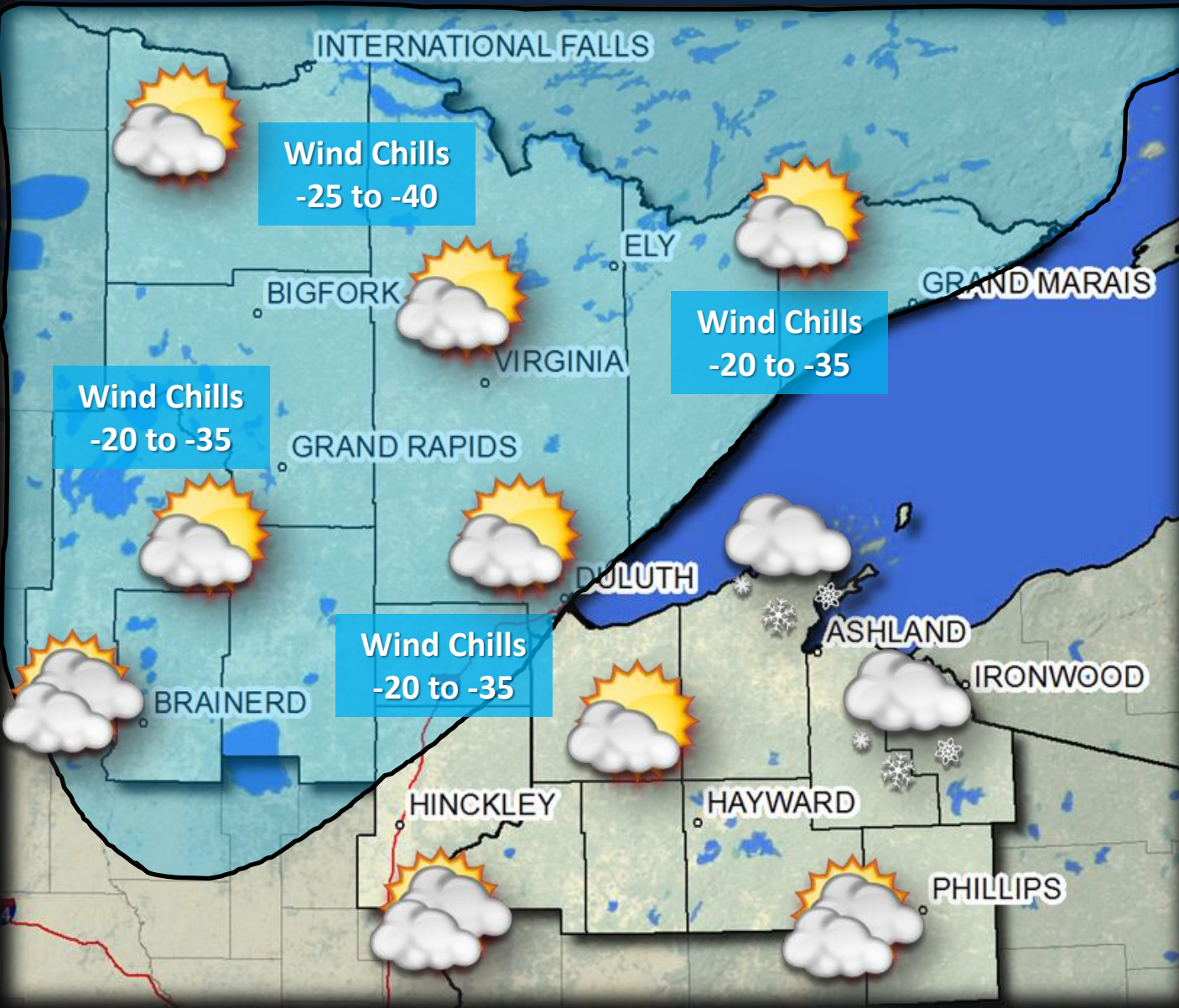
Today's Northland Weather



- Dangerous wind chills through this morning.
- Light lake effect snow in northwest Wisconsin.
- Increasing clouds and chances of snow tonight and Monday.



Today's Northland Weather



Plummeting Temperatures Tonight

Dangerous Wind Chills Tuesday Morning



Tonight's Forecast Lows:

International Falls: -19°

Grand Rapids: -12°

Brainerd: -11°

Solon Springs: -10°

Grand Marais: -13°

Hibbing: -15°

Duluth: -13°

Park Falls: -12°

Wind Chills 25 to 35 Below Zero

Gary Jackson

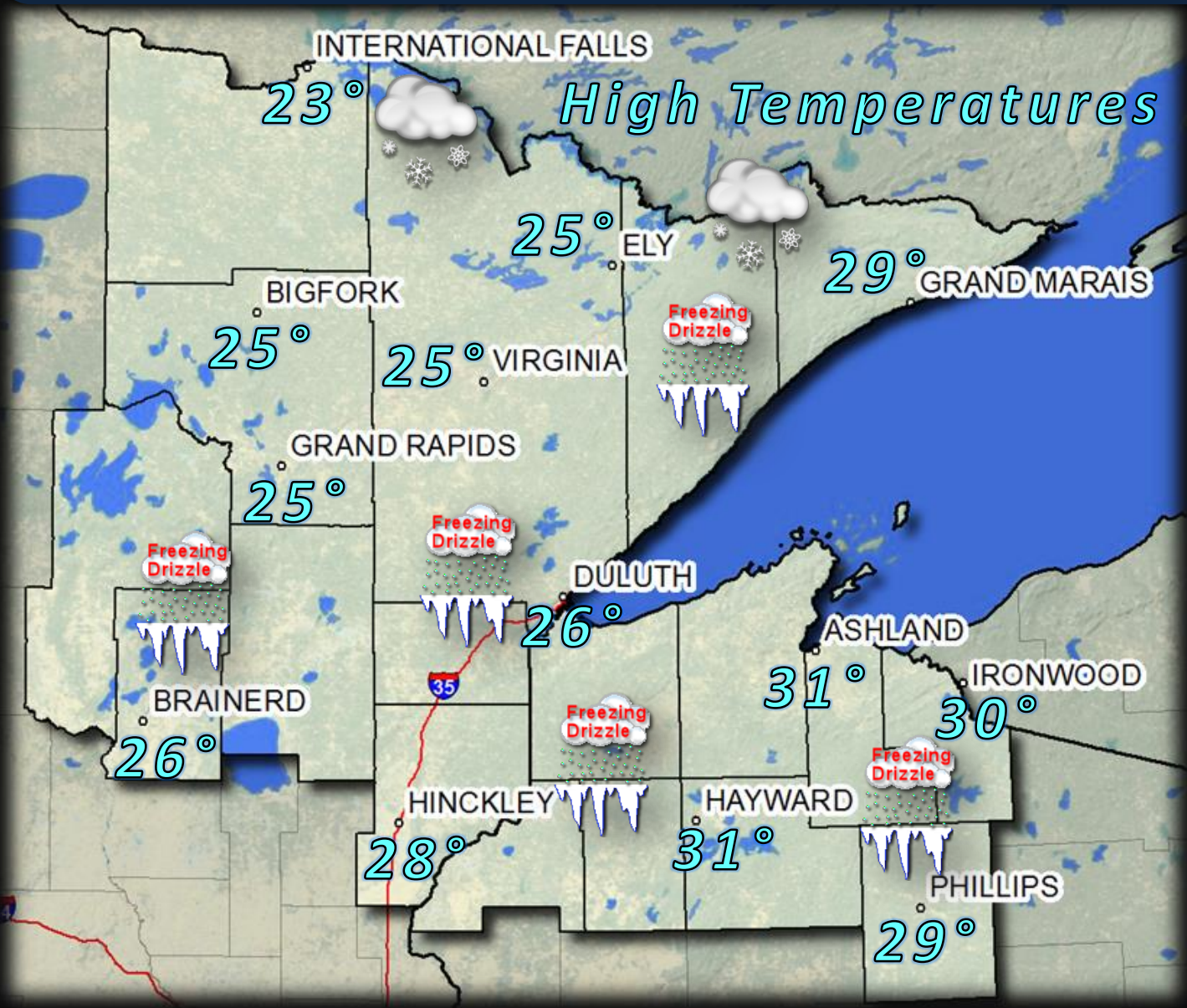
Cold and Sunny this Morning, Light Snow Tonight



- Dangerous wind chills of -25° to -40° this morning.
- Increasing cloud cover this afternoon.
- Light snow (about 0.5" to 1.5") tonight with passing cold front.



Today's Northland Weather



- Cloudy with patchy freezing drizzle this morning.
- Some clearing skies possible this afternoon.

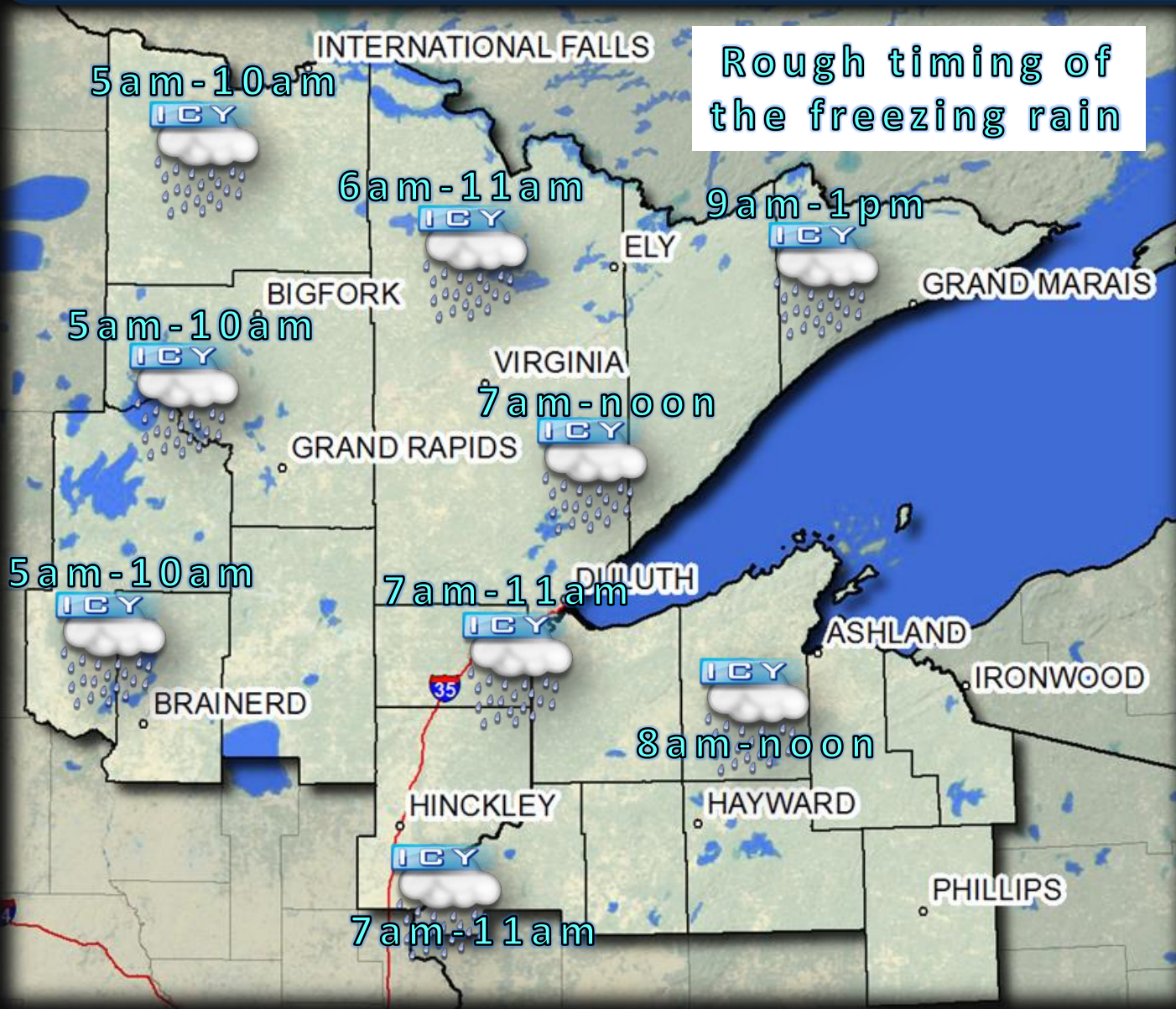
SUNDAY



A wintry mixture of freezing rain and sleet could make travel difficult, especially during the morning.



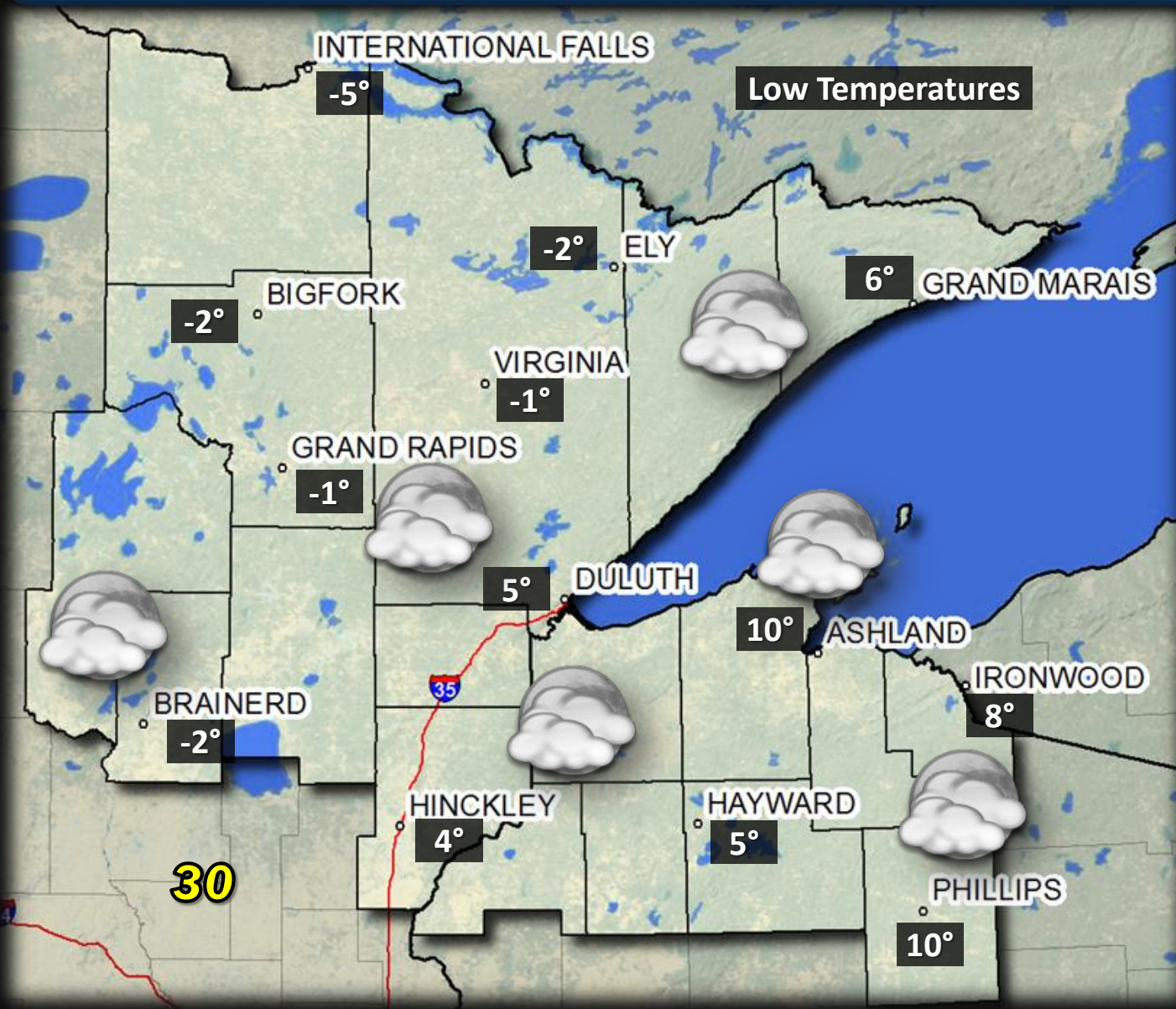
Freezing Rain and Sleet this Morning



- Freezing rain, possibly mixed with sleet, will spread across NE Minnesota and NW Wisconsin this morning from the west.
- Generally around 0.02" of ice accumulation or less, but maybe more.
- Be prepared for slick roads and difficult travel conditions until conditions begin to improve this afternoon.
- High temperatures in the low to mid 30s this afternoon.



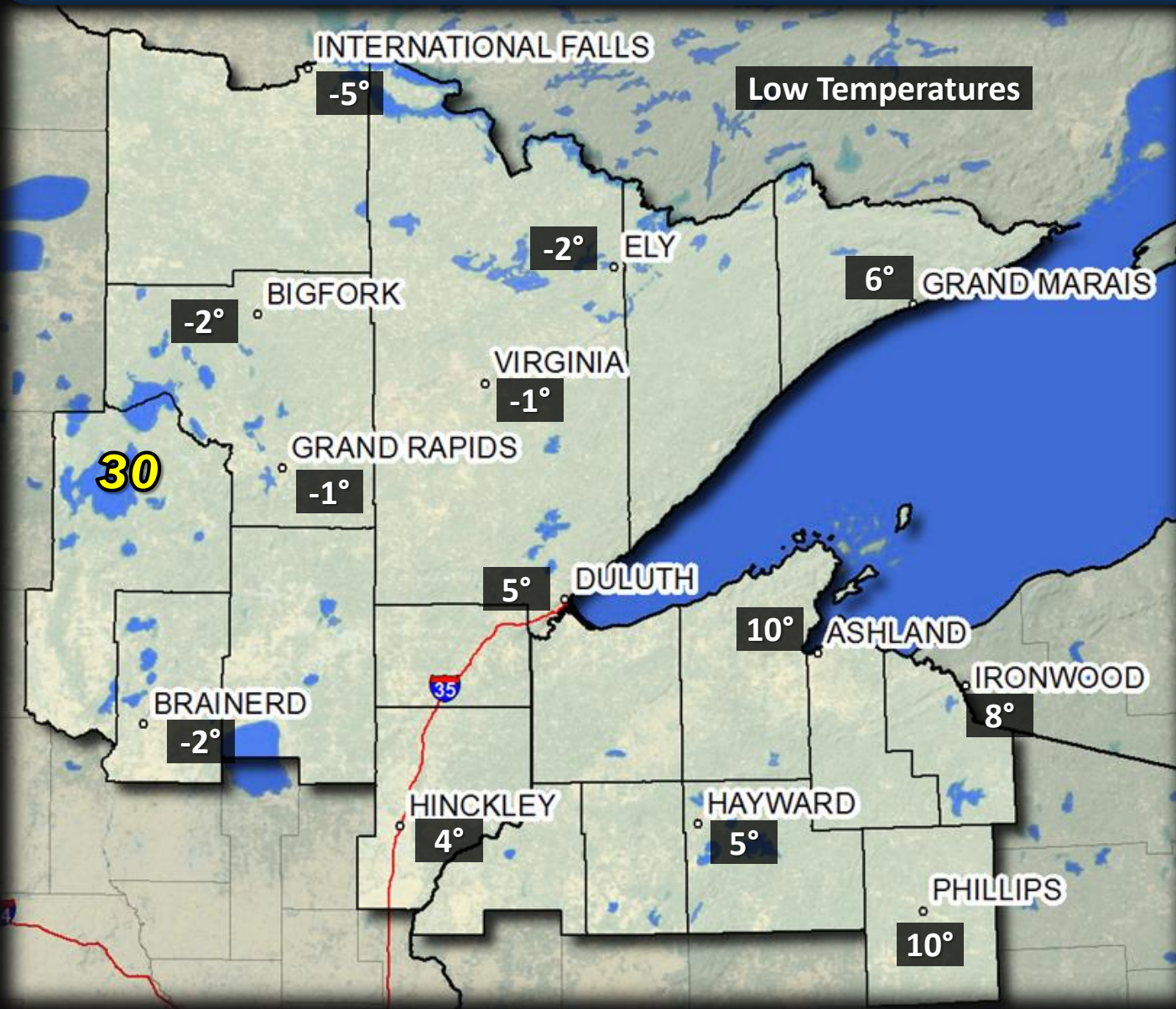
Today's Northland Weather



- Cloudy this morning
- Widespread snowfall of 1" to 3" Saturday night through Sunday night. Some areas near Lake Superior could get more than 3" due to lake effect.
- Colder early next week.



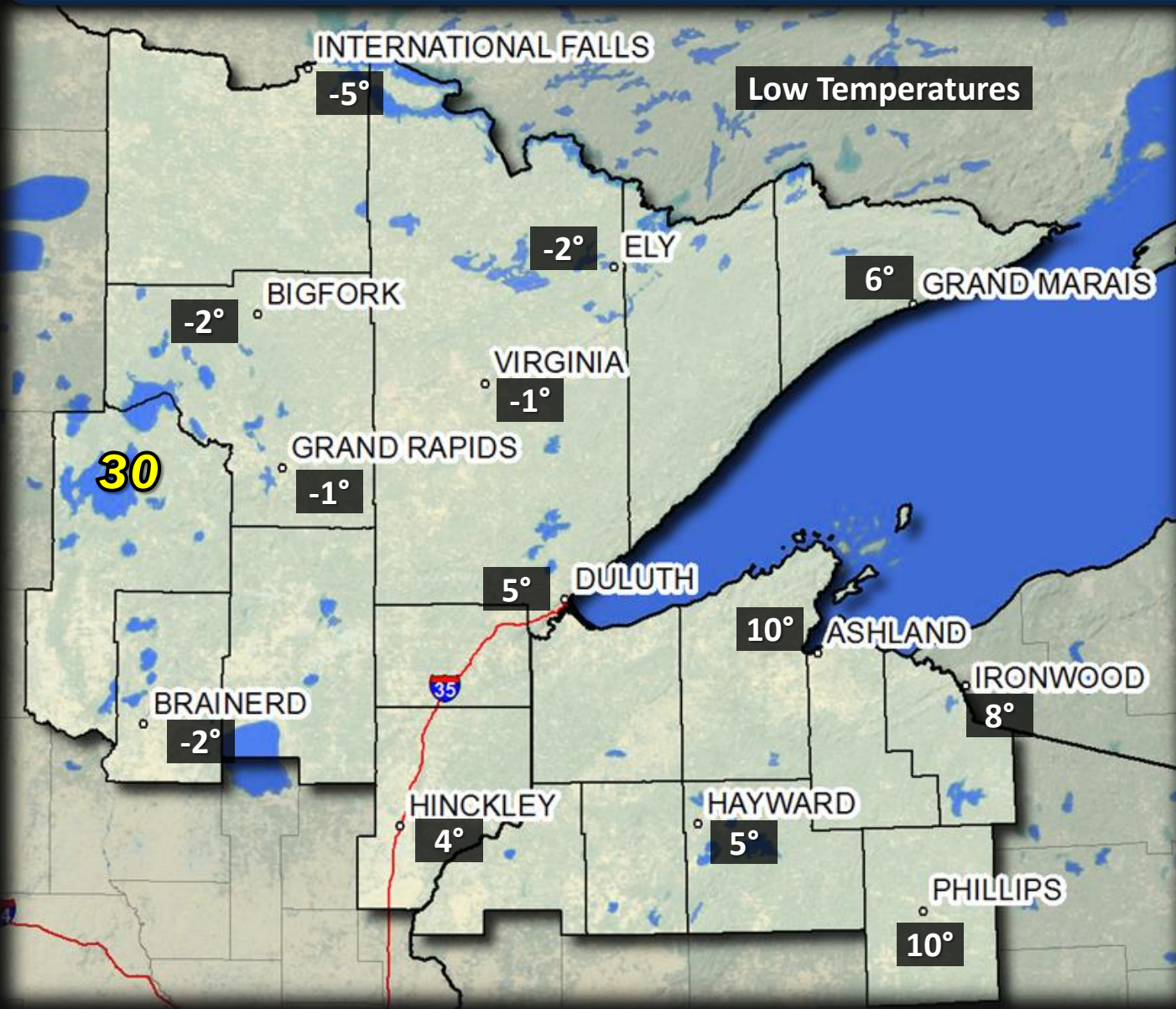
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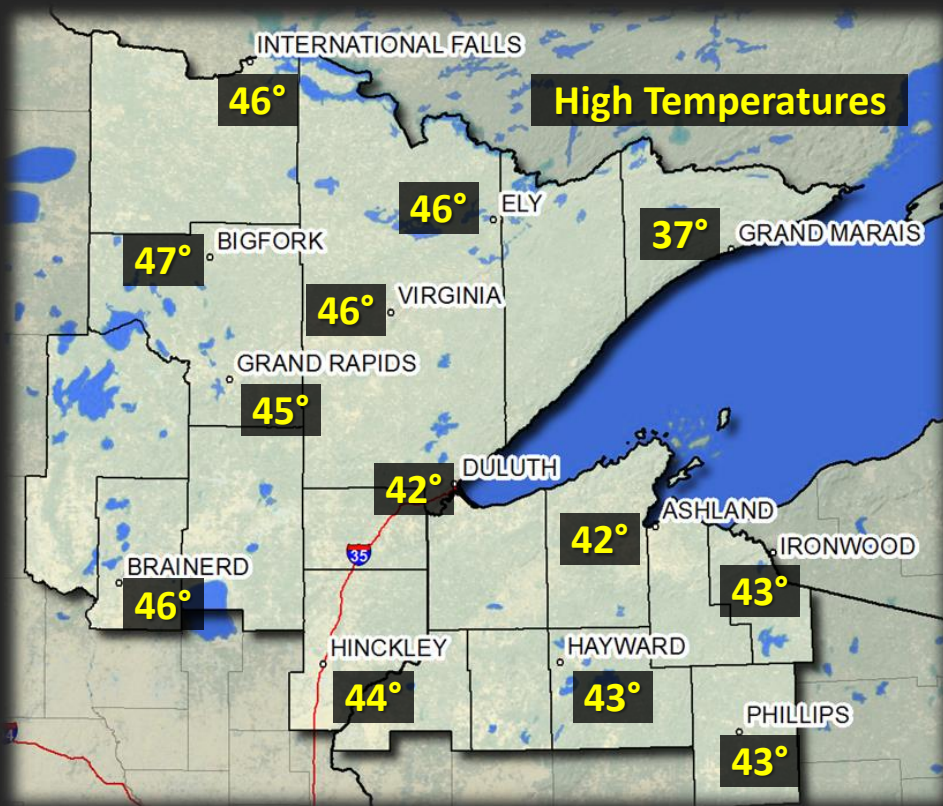


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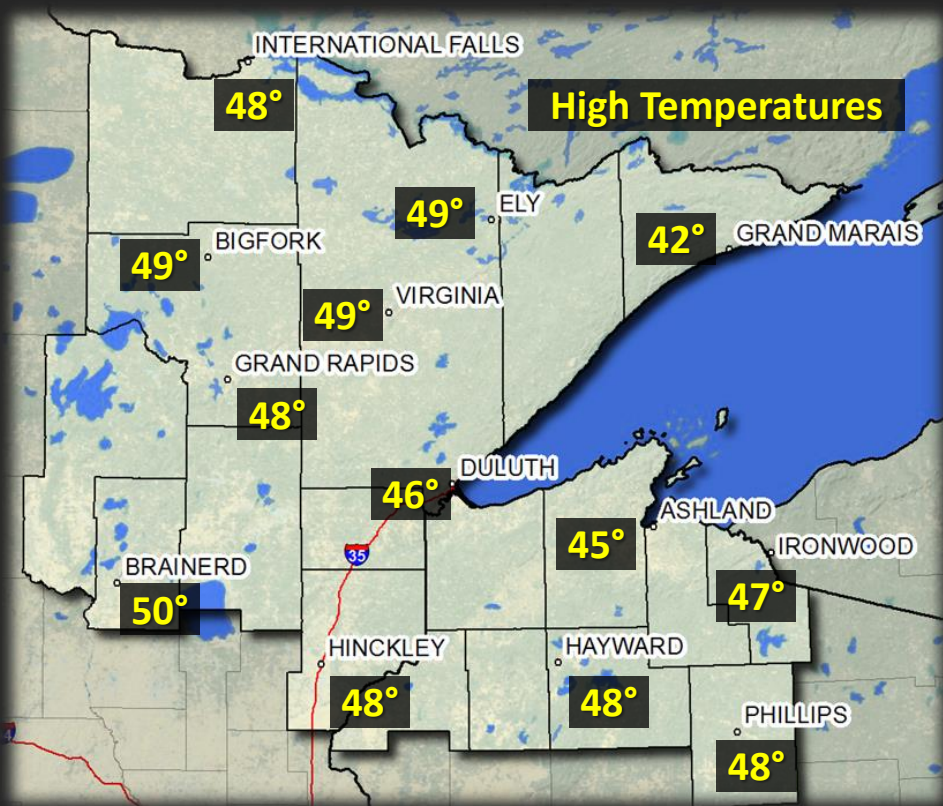


Weekend Warming Trend

Today



Sunday

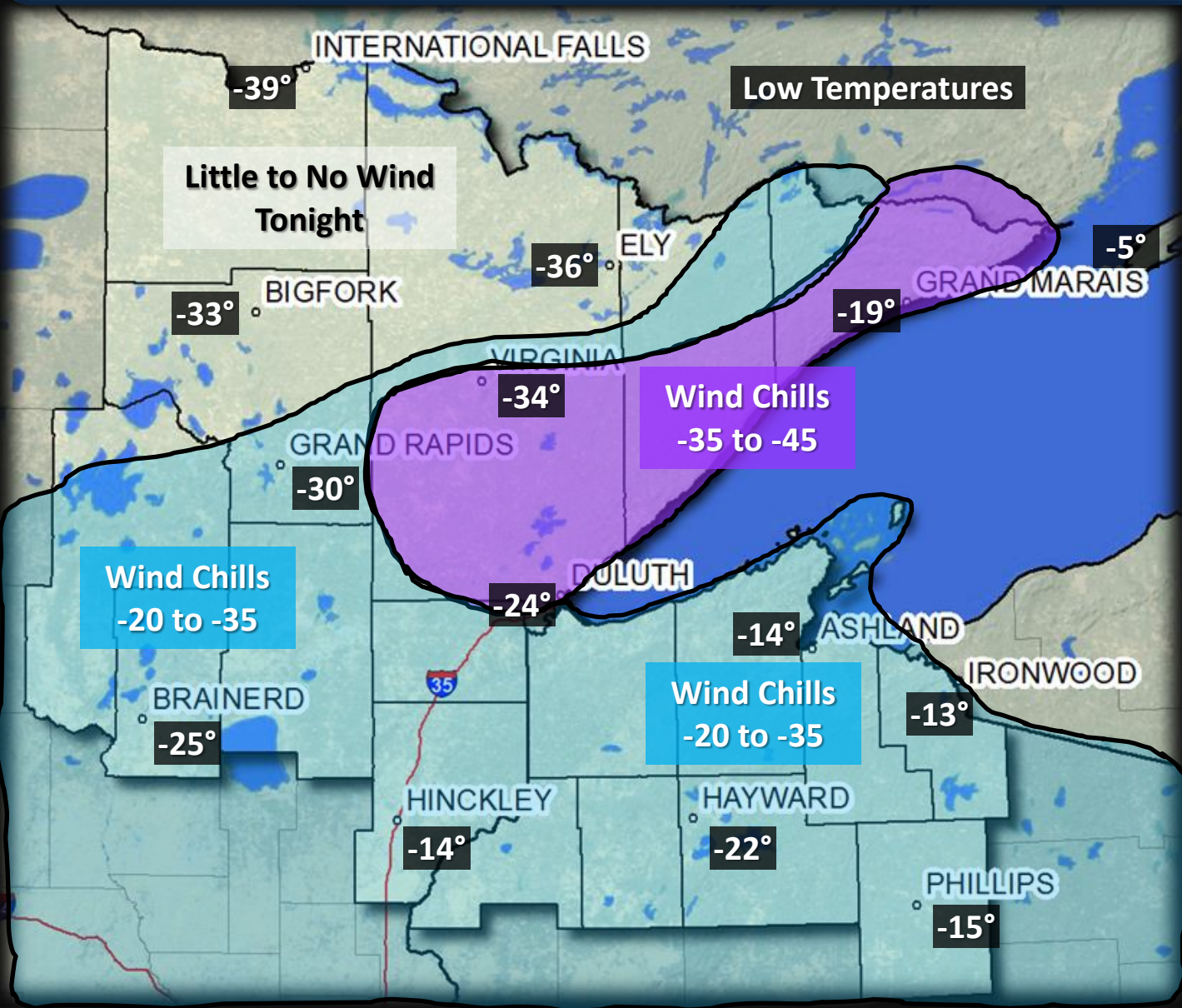


- Mostly sunny this morning, partly cloudy this afternoon.
- Light rain or drizzle possible this evening.

- Cloudy early with possible light rain and snow.
- Partly cloudy in the afternoon.



Tonight's Northland Weather



- Clearing skies, cold temperatures and dangerous wind chills tonight.
- Warmer weather Friday.
- Light to moderate snow Friday and Friday night with passing clipper and cold front.



Photo Courtesy: Meteorologist Tim Lonka



weather.gov/Duluth



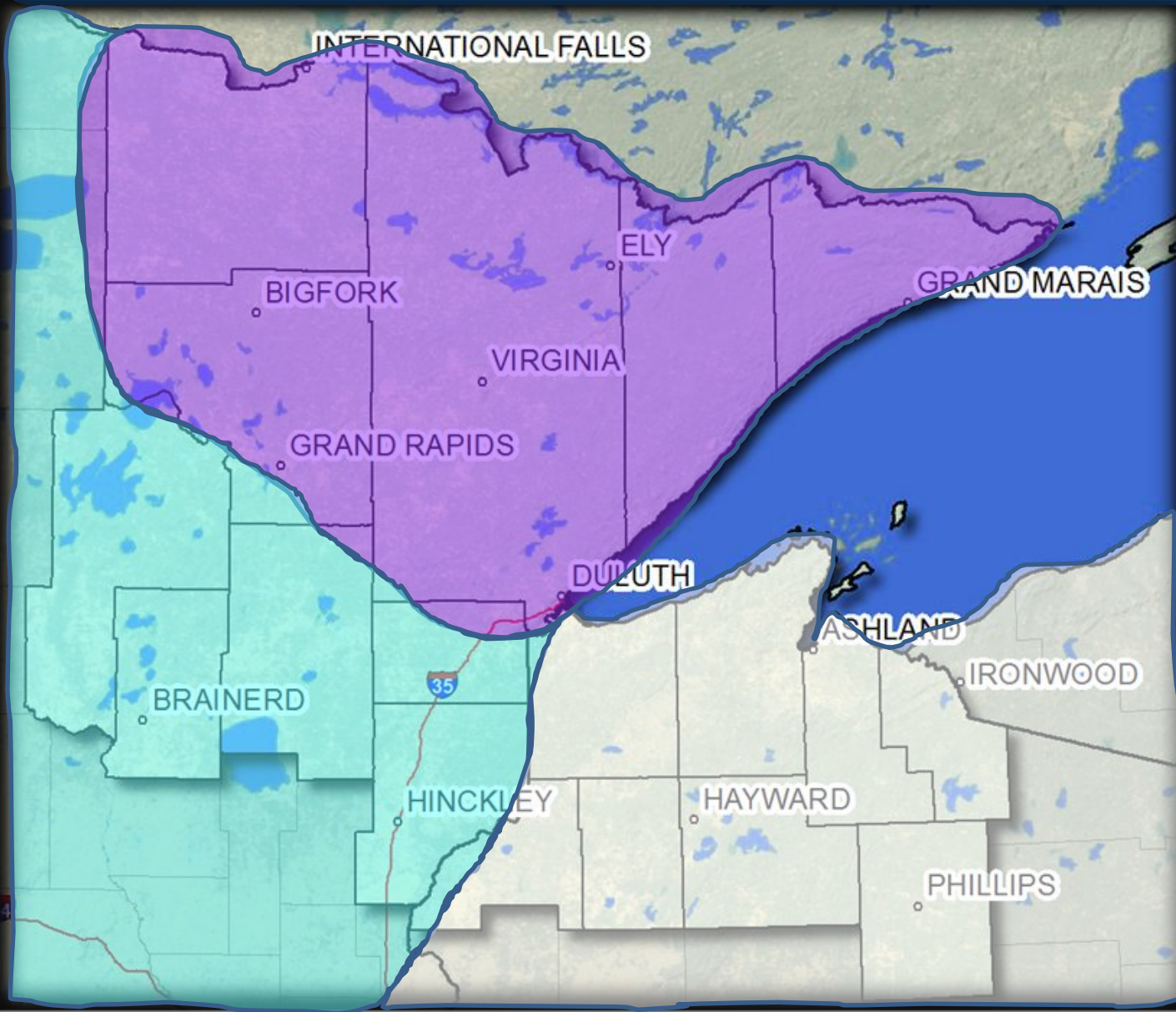
National Weather Service Duluth



@NWSduluth

| Updated: 1/12/2015 4:33 AM Central

Dangerous Wind Chills Tonight



Wind Chill Warning:
-35° to -45° wind chills
developing tonight

Wind Chill Advisory:
-30° to -40° wind chills
developing tonight

Wind Chill Advisory:
-35° to -45° wind chills
developing tonight

Wind chills of 25 to 35
below possible
Wednesday night into
Thursday morning.



Cold Today, Milder Tomorrow and Rest of Week





Today	Highs: 2° to 6°	
Tonight	Lows: -25° to -15°	
Tuesday	Highs: 10° to 15°	
Tuesday Night	Lows: -3° to 8°	



Photo by Peg Sutherland



weather.gov/Duluth



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Warmer Weather on the Way for the Northland



Today



Highs:
23 to 27

Sunday



Highs:
39 to 44

Monday



Highs:
39 to 46

Tuesday



Highs:
27 to 36

Wednesday



Highs:
25 to 32

Thursday



Highs:
38 to 42



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Mid Week Cool Down...Warm Again Thursday



Tuesday



Highs:
39 to 45

Wednesday



Highs:
43 to 49

Thursday



Highs:
28 to 37

Friday



Highs:
20 to 30

Saturday



Highs:
32 to 42

Sunday



Highs:
34 to 41



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Colder Weather for the Middle of the Week... But Warm Again Thursday



Today	Wednesday	Thursday	Friday	Saturday	Sunday
Highs: 26 to 38	Highs: 14 to 23	Highs: 38 to 47	Highs: 32 to 40	Highs: 21 to 30	Highs: 19 to 28



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Melting Snow this Week

Photo courtesy
Dennis O'Hara
Northern Images



Today



Highs:
45° to 52°

Monday



Highs:
45° to 52°

Tuesday



Highs:
45° to 51°

Wednesday



Highs:
52° to 64°

Thursday



Highs:
47° to 55°

Friday



Highs:
46° to 55°



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Melting Snowpack this Week

Today



Morning

Highs:
47° to 52°

Tuesday



Highs:
45° to 49°

Wednesday



Highs:
55° to 69°

Thursday



Highs:
48° to 55°

Friday



Highs:
48° to 57°

Saturday



Highs:
50° to 59°

Night

Photo by Peg Sutherland

Photo courtesy
Dennis O'Hara
Northern Images



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| Updated: 1/12/2015 4:33 AM Central

The Cold Continues Across the Northland

Tonight

Lows:
-31° to -18°



Wind Chills: -20° to -40° lingering Wed morning

Wednesday

Highs:
-5° to 2°



Wind Chills: -25° to -35° developing Wed evening

Wednesday
Night

Lows:
-22° to -14°



Warmer weather on the way for later this week! Highs in the 20s and 30s Friday and the weekend.

Dangerous wind chills of -25° to -45° through Wednesday morning. Flesh can freeze within 5 to 30 minutes in these conditions.



www.tomlonkaphotography.com



weather.gov/Duluth



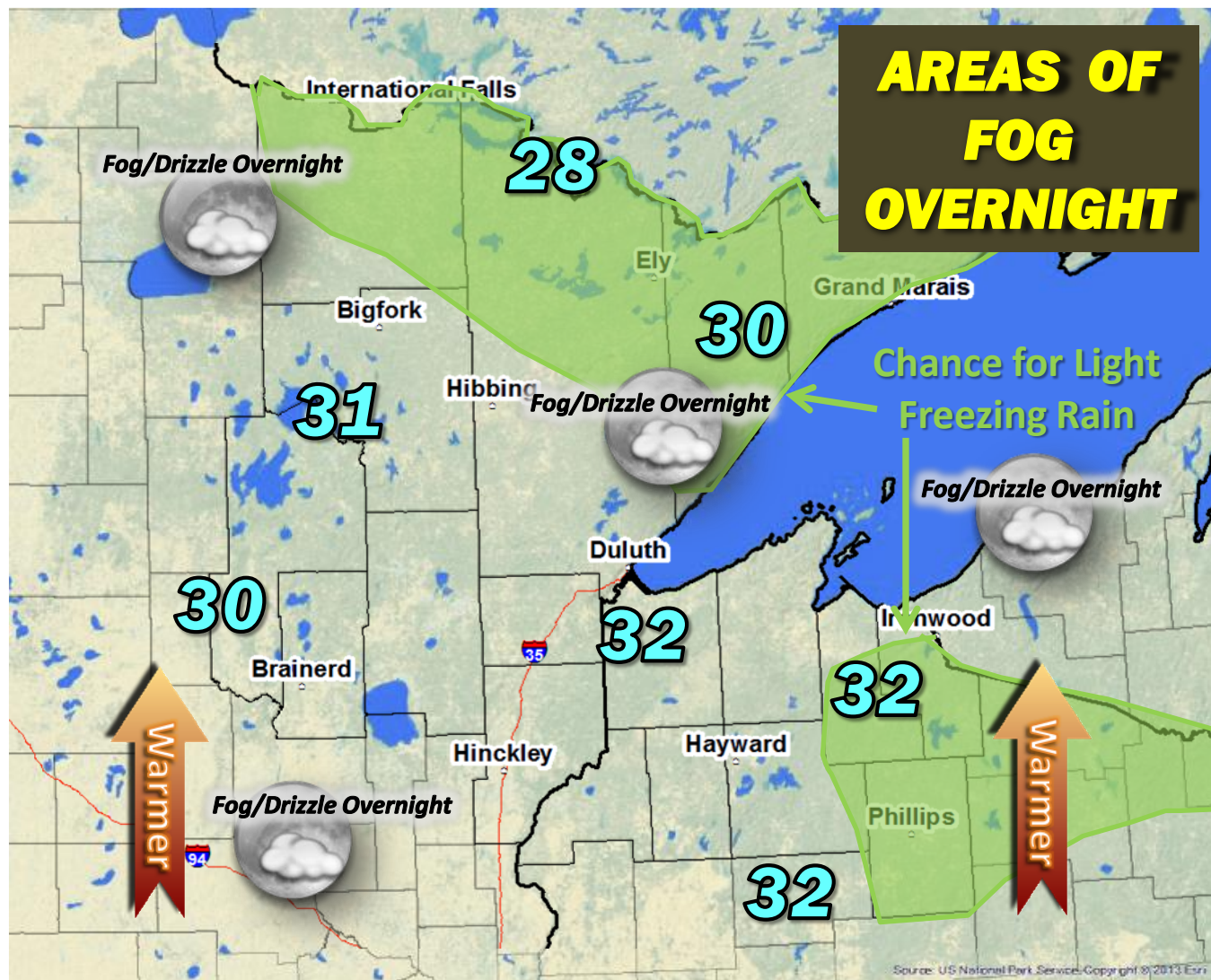
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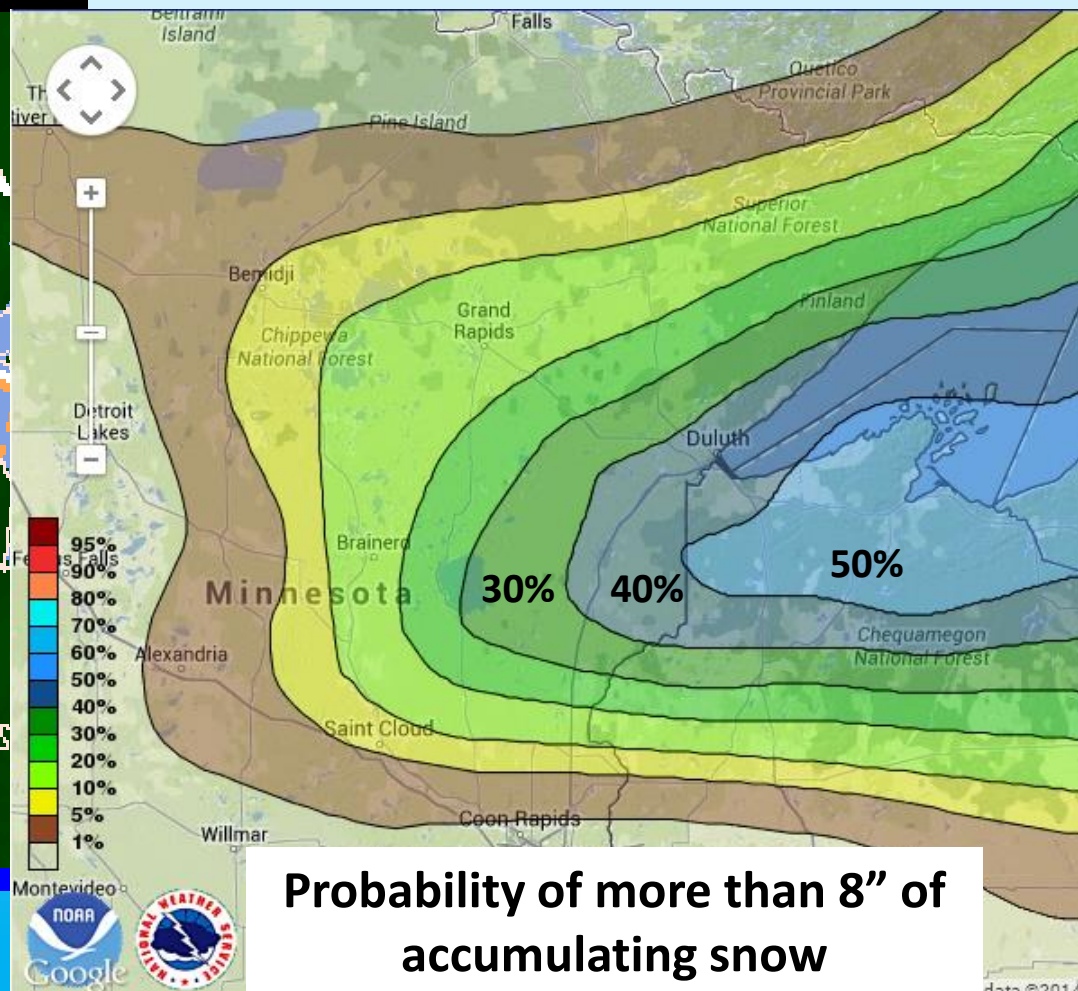
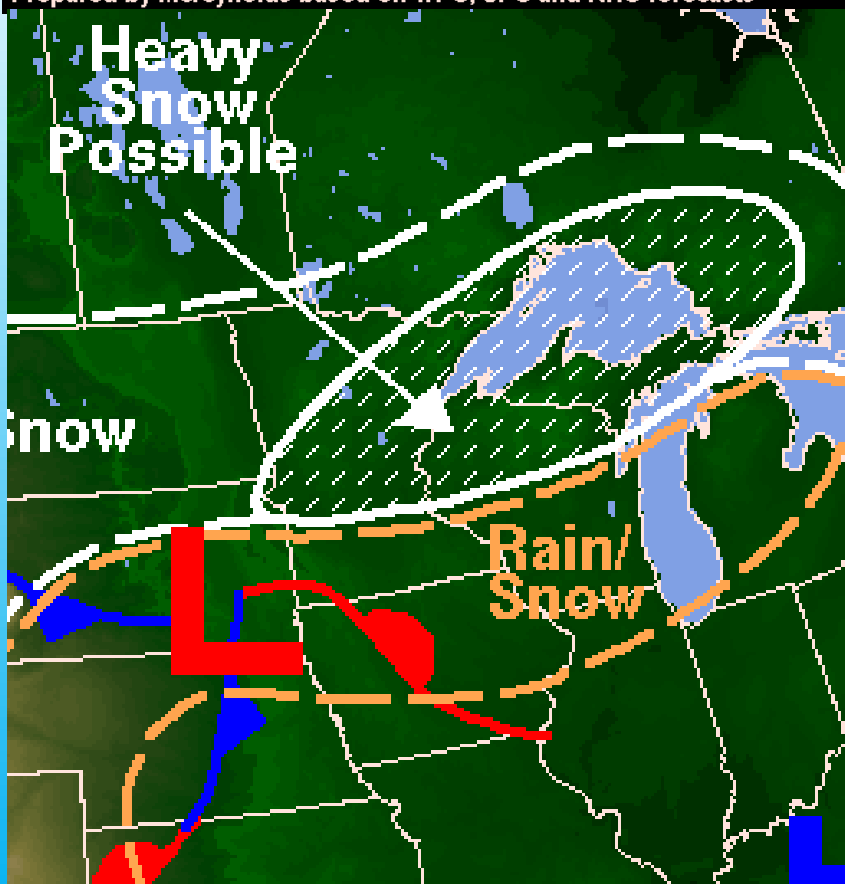
| Updated: 1/12/2015 4:33 AM Central

Some Fog, Showers Developing Overnight



Spring Snowstorm to Affect Northland Wednesday

Weather Forecast for Wed, Apr 16, 2014, issued 4:44 AM EDT Tue, Apr 15, 2014
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

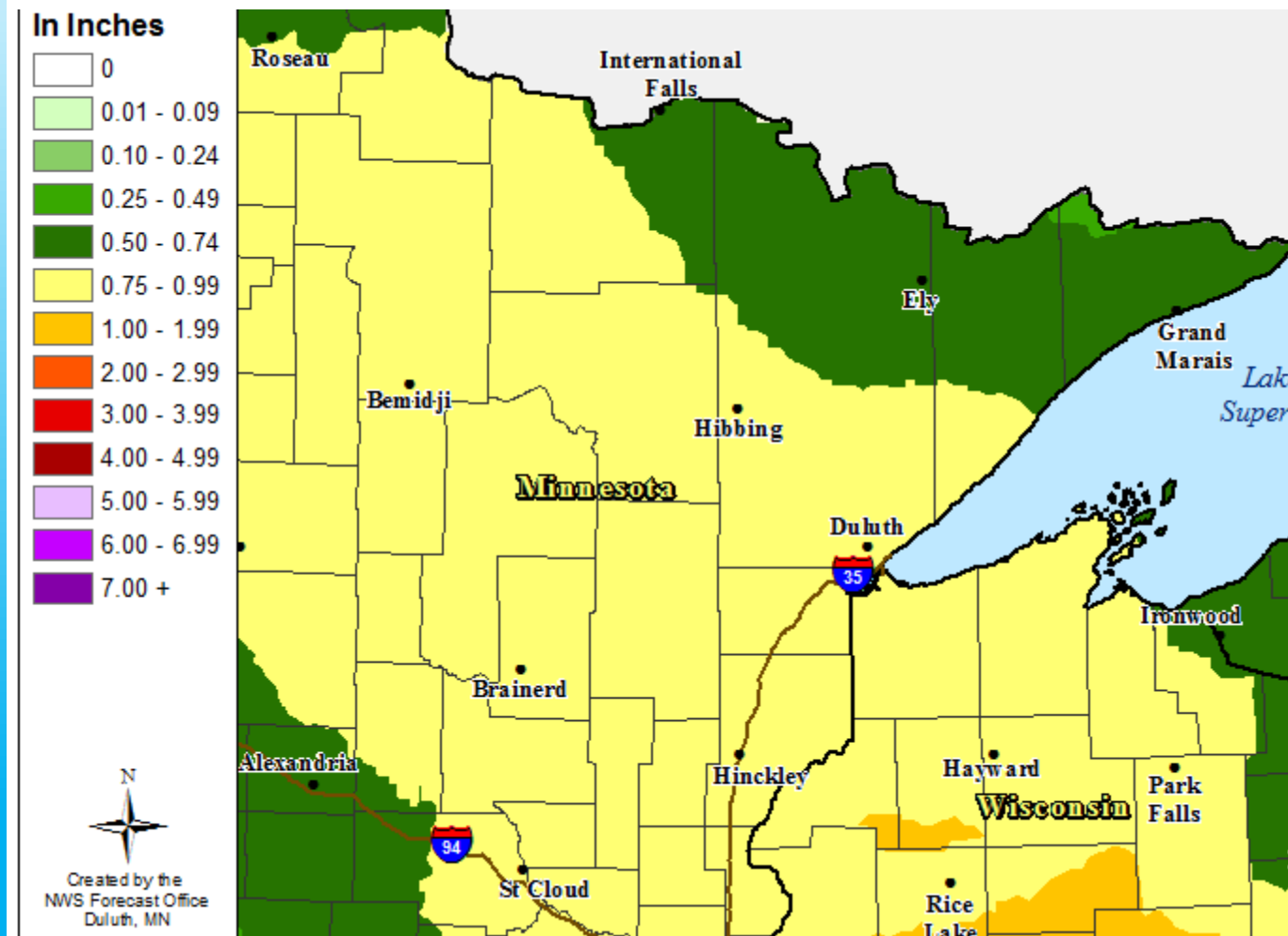


- Snow will begin late tonight.
- Intensifies Wednesday daytime.
- Will gradually diminish and move out of the region Wednesday night.

Cool and Wet Weather for Second Half of Week

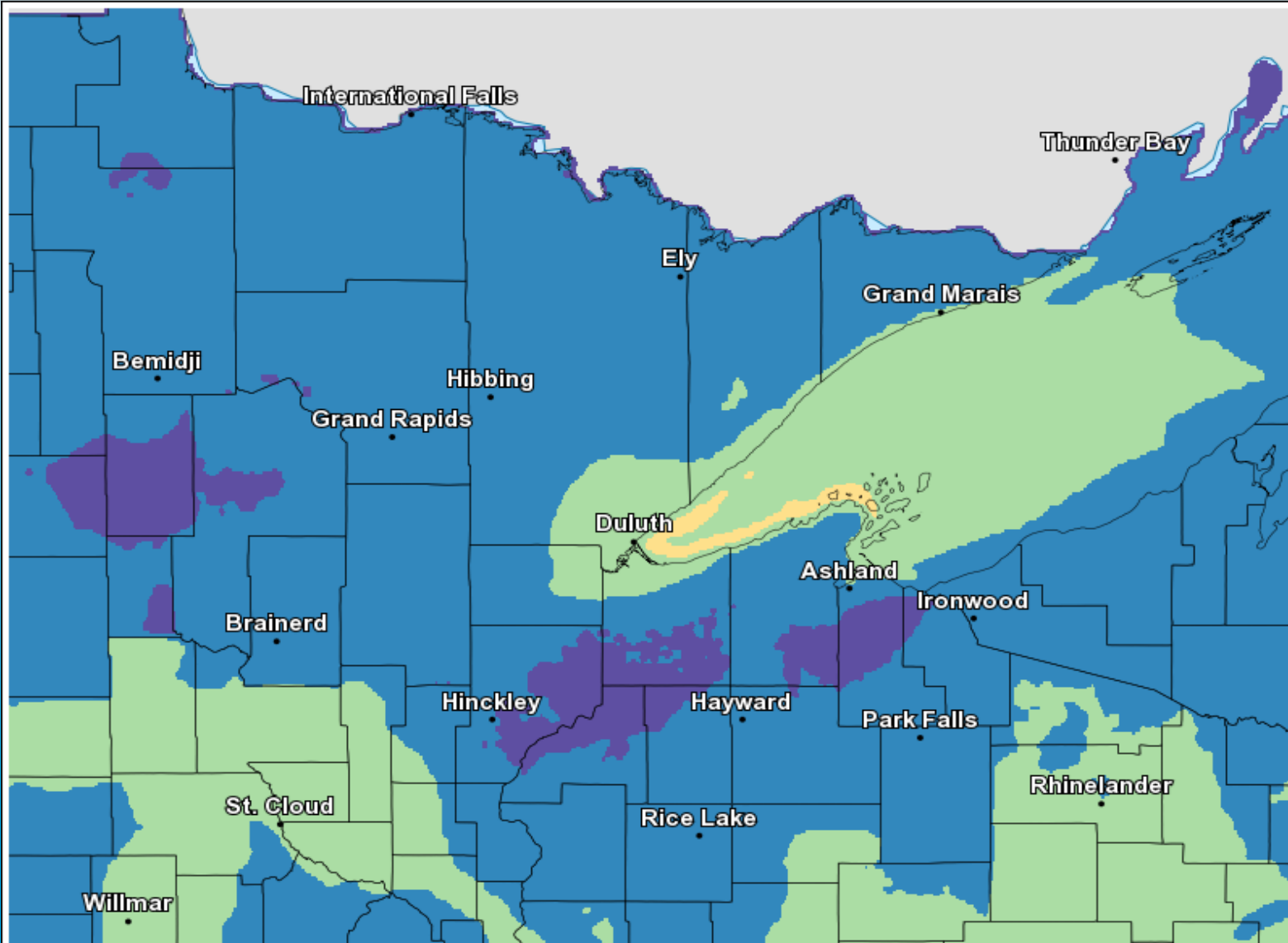
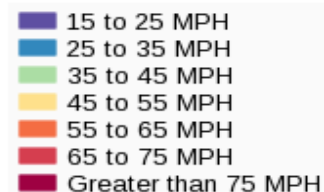
- Low pressure system will bring wet weather to the Northland Wednesday afternoon through Thursday.
- Widespread rainfall amounts of 0.5" to 1.0".
- Cool and dry this Saturday as high pressure moves into the region.

Rainfall through Thursday



Very Windy Today, Especially Near the Twin Ports

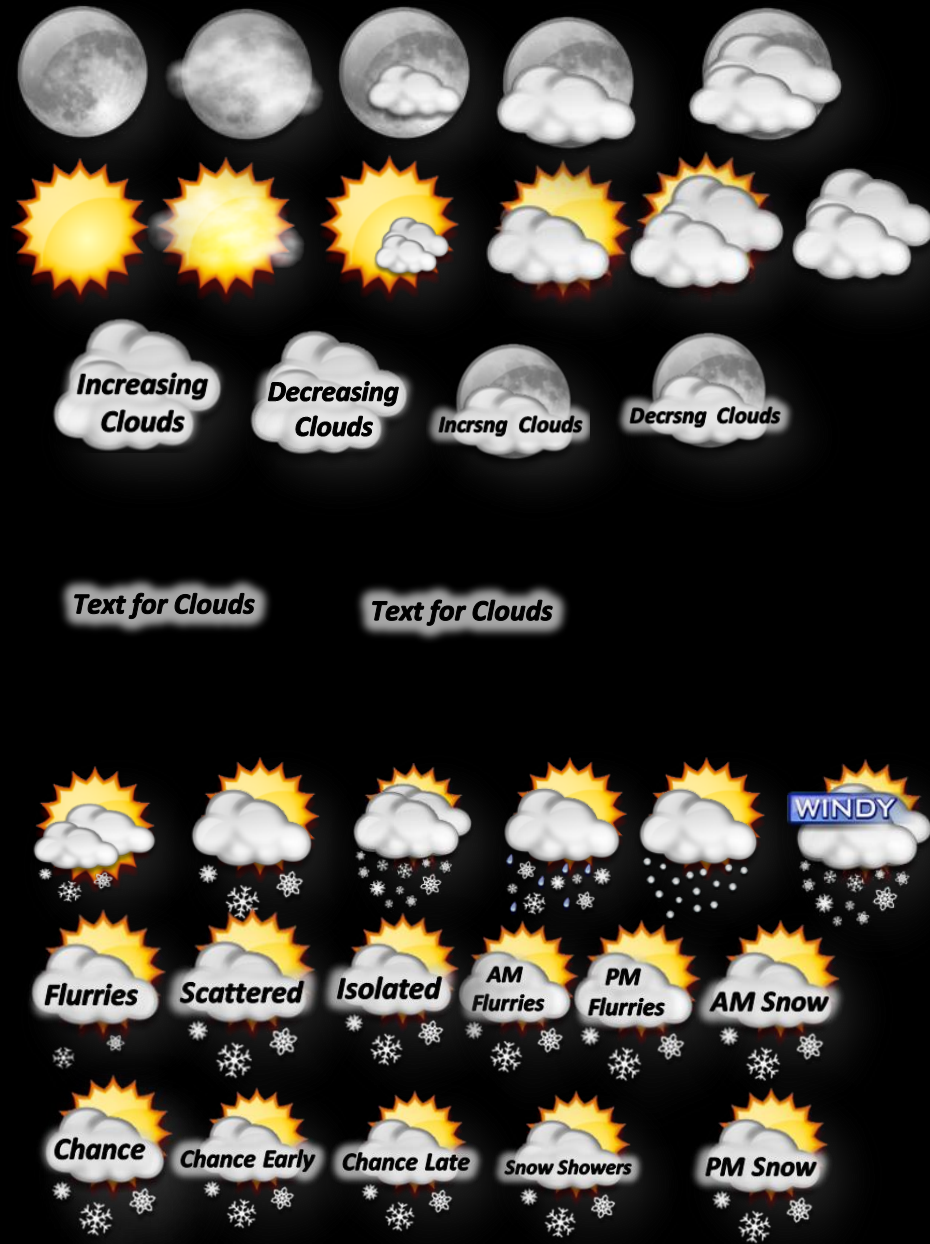
Highest Forecast Wind Gust



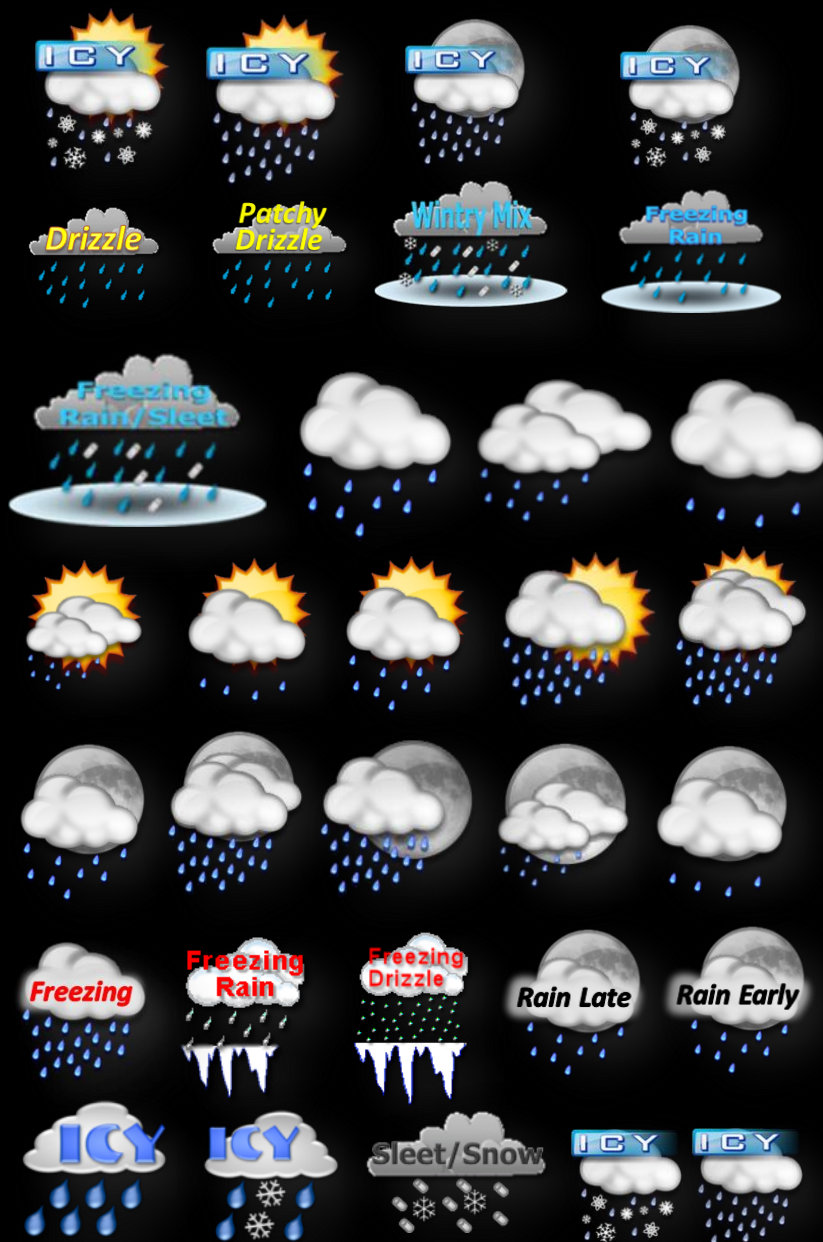
Valid from Monday April 28th, 2014 at 12 PM CDT to Monday April 28th, 2014 at 7 PM CDT

Created Monday April 28th, 2014 at 11:39 AM CDT

Clouds/Snow Graphics



Mixed Precip Graphics



Patchy
Fog



Dense
Fog

Text for Clouds

Text for Icons



AREAS OF
DENSE FOG
OVERNIGHT

Drifting
Snow

Blizzard

Blizzard

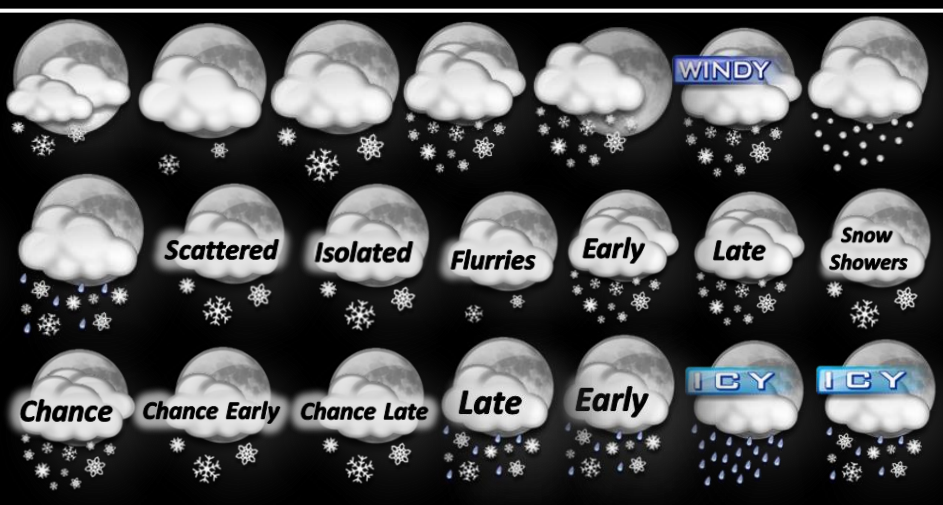
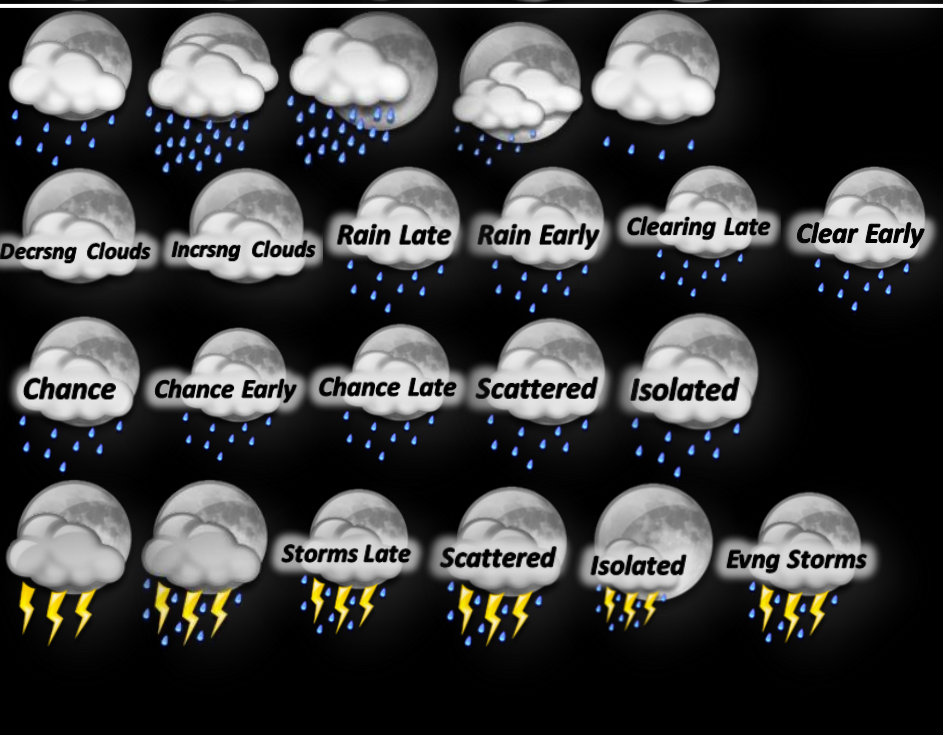
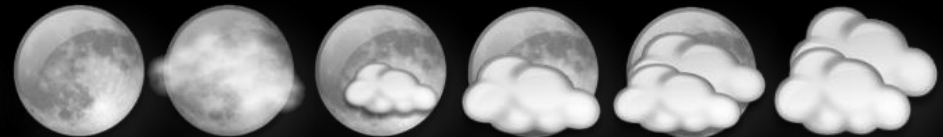
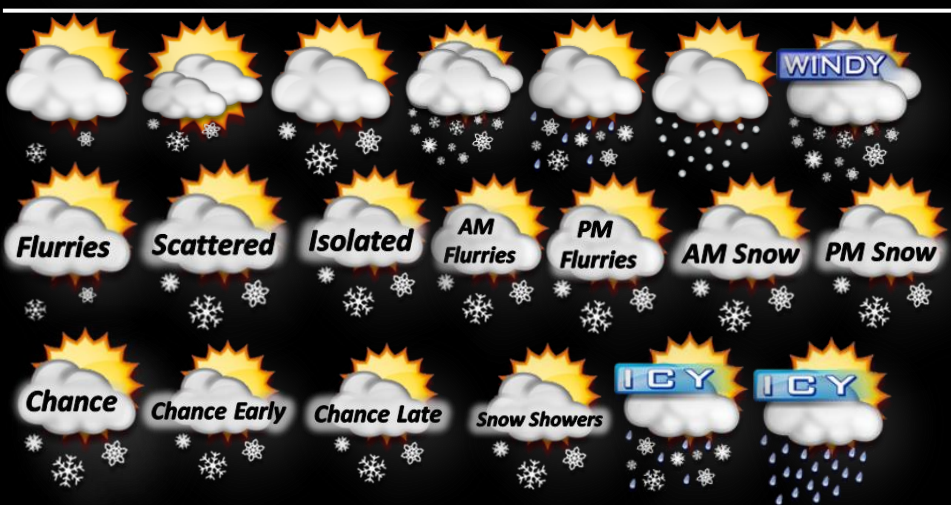
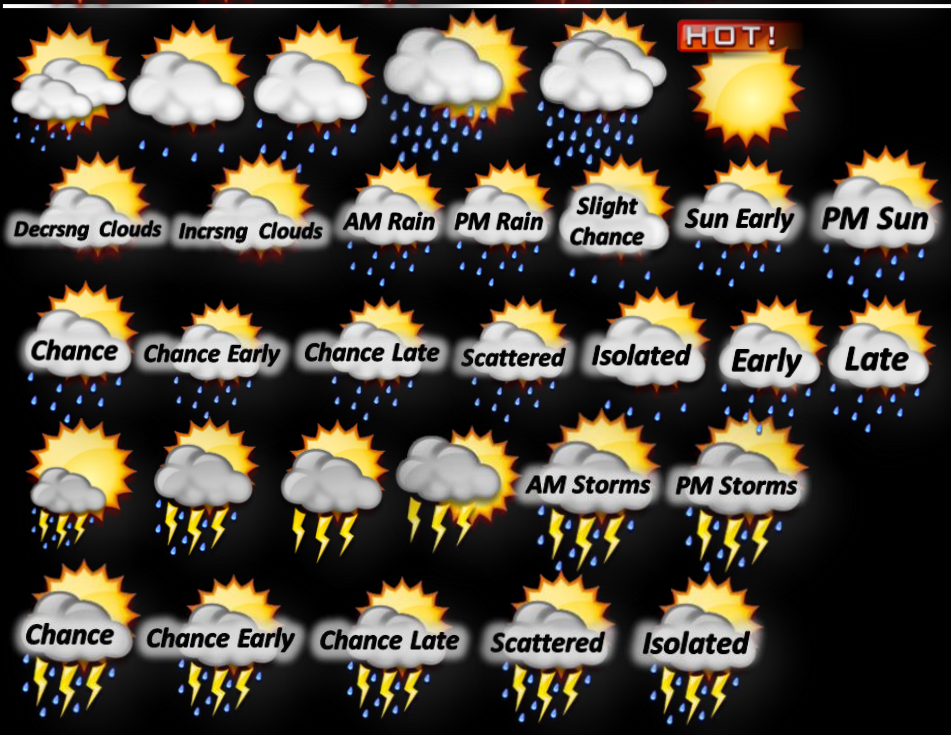
Heavy
Snow

Heavy
Snow

Ground
Blizzard



COLD



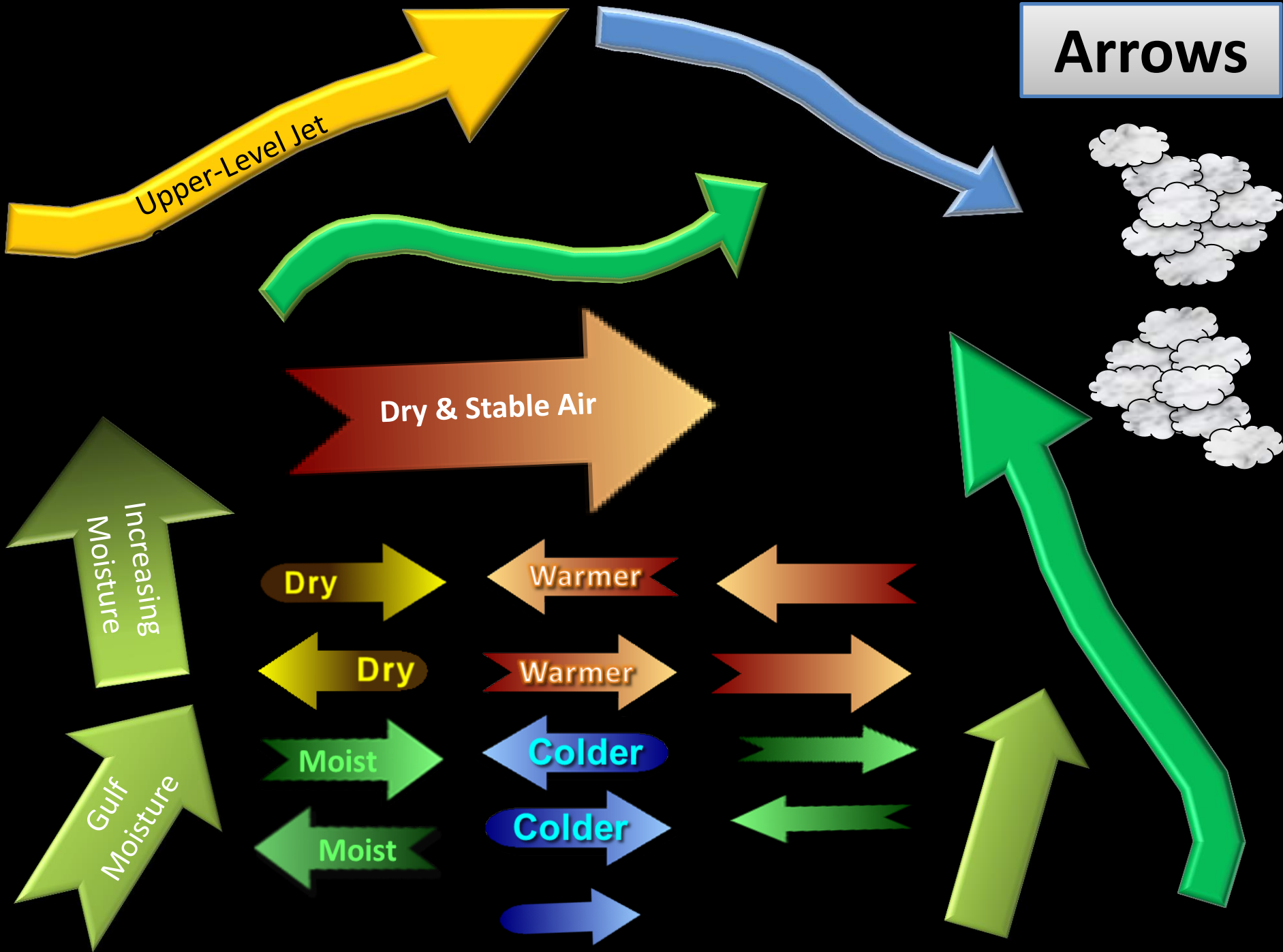
Summer Graphics



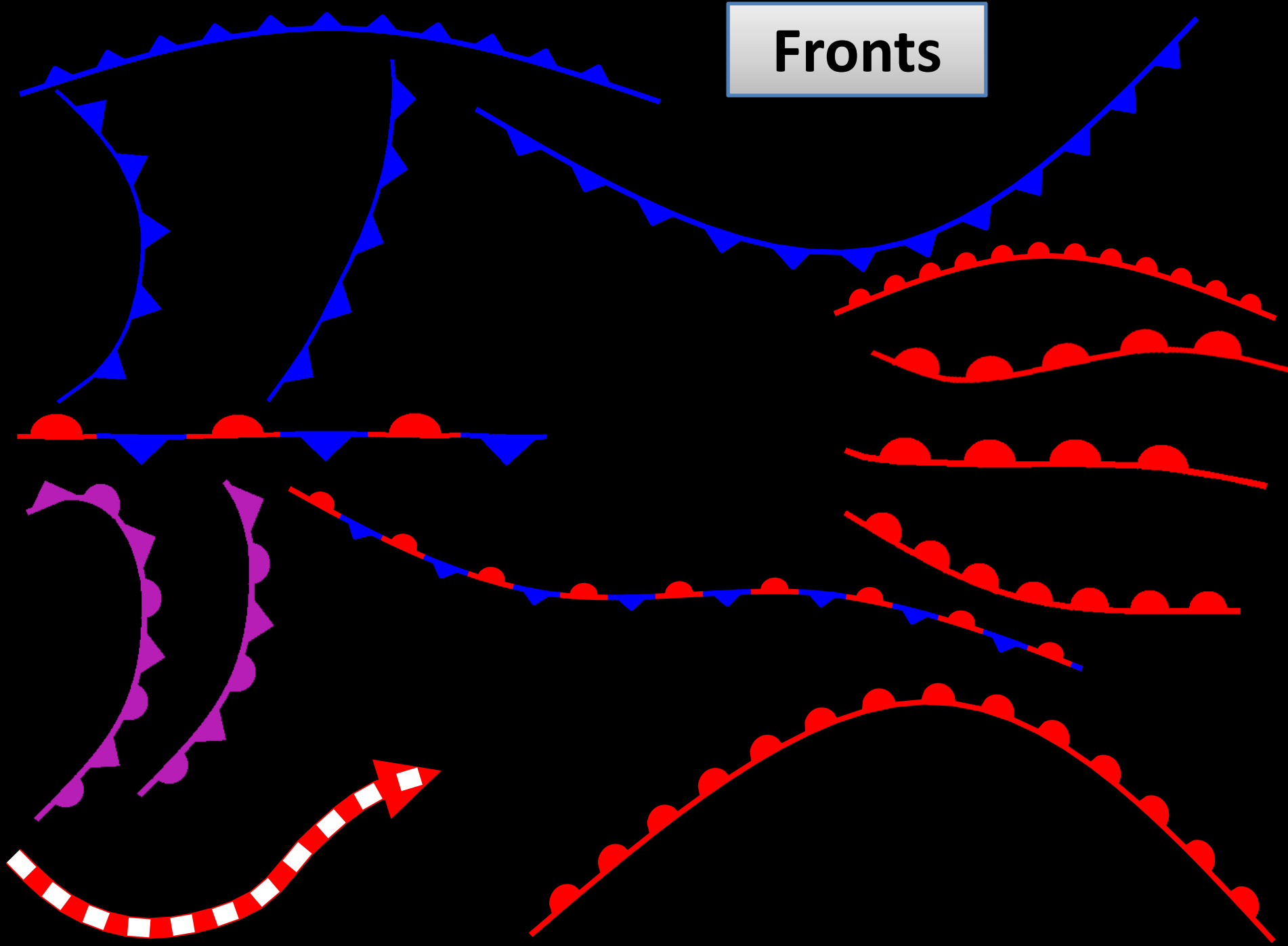
Winter Graphics



Arrows



Fronts



Muggy Humid Warm Mild Hot

Scattered Severe Strong Frosty

Cold ! Bitterly Cold! Chilly! Wintry Mix

Chance Likely Light Moderate Heavy

Periods Foggy Foggy

Non Precip Graphics/Text



HUMID Humid



FOG

Fog

Fog

Fog

Freezing
Fog



Dense
Fog

Patchy
Dense
Fog

Patchy
Fog

Patchy Fog

Patchy
Fog

Patchy
Dense
Fog



Dense
Fog

H H H H
L L L L

30% 30%
Text Placeholder

Text Placeholder

Text Placeholder

Text Placeholder

Text Placeholder

WINDY

Windy

Windy

WINDY



Gales



Storms

WINDY

High Winds

WINDY



Breezy

Brisk

DUST



DUST



HAZE

HAZE



SMOKE



SMOKE



Fire
Danger



HIGH FIRE
DANGER



FIRE DANGER